

10/743,852

=> d his

(FILE 'HOME' ENTERED AT 14:04:27 ON 10 FEB 2006)

FILE 'REGISTRY' ENTERED AT 14:04:33 ON 10 FEB 2006

L1 STRUCTURE UPLOADED

L2 50 S L1

L3 STRUCTURE UPLOADED

L4 13 S L3

L5 STRUCTURE UPLOADED

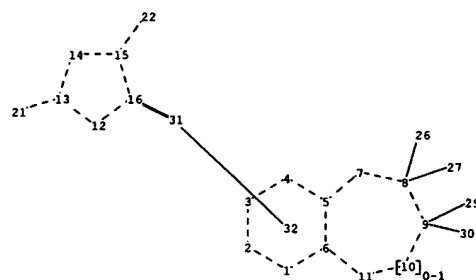
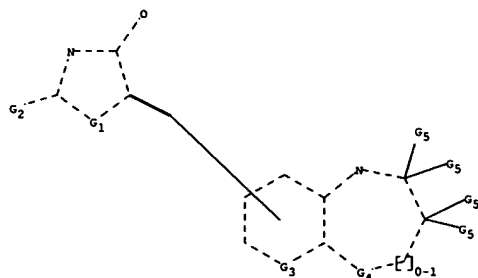
L6 8 S L5

L7 138 S L5 SSS FUL

FILE 'CAPLUS' ENTERED AT 14:09:07 ON 10 FEB 2006

L8 7 S L7

=> d ibib abs hitstr total



chain nodes :

21 22 26 27 29 30 31

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

chain bonds :

8-26 8-27 9-29 9-30 13-21 15-22 16-31

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-11 7-8 8-9 9-10 10-11 12-13 12-16 13-14
14-15 15-16

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-11 7-8 8-9 8-26 8-27 9-10 9-29 9-30 10-11
12-13 12-16 13-14 13-21 14-15 15-16 15-22 16-31

G1:C,O,S,N

G2:O,S

G3:C,N

G4:O,S,N

G5:H,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 21:CLASS 22:CLASS 26:CLASS 27:CLASS
29:CLASS 30:CLASS 31:CLASS 32:CLASS

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L8 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:973681 CAPLUS

DOCUMENT NUMBER: 143:318709

TITLE: Blockade of PI3K γ suppresses joint inflammation and damage in mouse models of rheumatoid arthritis

AUTHOR(S): Camps, Montserrat; Rueckle, Thomas; Ji, Hong; Ardisson, Vittoria; Rintelen, Felix; Shaw, Jeffrey; Ferrandi, Chiara; Chabert, Christian; Gillieron, Corine; Francon, Bernard; Martin, Thierry; Gretener, Denise; Perrin, Dominique; Leroy, Didier; Vitte, Pierre-Alain; Hirsch, Emilio; Wymann, Matthias P.; Cirillo, Rocco; Schwarz, Matthias K.; Rommel, Christian

CORPORATE SOURCE: Serono Pharmaceutical Research Institute, Serono International S.A., Geneva, 1228, Switz.

SOURCE: Nature Medicine (New York, NY, United States) (2005), 11(9), 936-943

CODEN: NAMEFI; ISSN: 1078-8956

PUBLISHER: Nature Publishing Group

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Phosphoinositide 3-kinases (PI3K) have long been considered promising drug targets for the treatment of inflammatory and autoimmune disorders as well as cancer and cardiovascular diseases. But the lack of specificity, isoform selectivity and poor biopharmaceutical profile of PI3K inhibitors have so far hampered rigorous disease-relevant target validation. Here we describe the identification and development of specific, selective and orally active small-mol. inhibitors of PI3K γ (encoded by Pik3cg). We show that Pik3cg $^{-/-}$ mice are largely protected in mouse models of rheumatoid arthritis; this protection correlates with defective neutrophil migration, further validating PI3K γ as a therapeutic target. We also describe that oral treatment with a PI3K γ inhibitor suppresses the progression of joint inflammation and damage in two distinct mouse models of rheumatoid arthritis, reproducing the protective effects shown by Pik3cg $^{-/-}$ mice. Our results identify selective PI3K γ inhibitors as potential therapeutic mols. for the treatment of chronic inflammatory disorders such as rheumatoid arthritis.

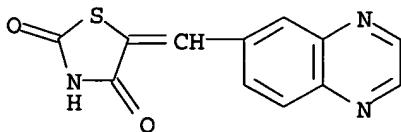
IT 648450-29-7P, AS 605240 865188-81-4P, AS 605091

RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(blockade of PI3K γ suppresses joint inflammation and damage in mouse models of rheumatoid arthritis)

RN 648450-29-7 CAPLUS

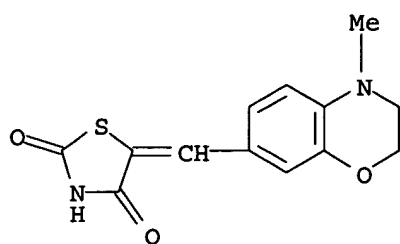
CN 2,4-Thiazolidinedione, 5-(6-quinoxalinylmethylene)- (9CI) (CA INDEX NAME)



RN 865188-81-4 CAPLUS

CN 2,4-Thiazolidinedione, 5-[(3,4-dihydro-4-methyl-2H-1,4-benzoxazin-7-yl)methylene]- (9CI) (CA INDEX NAME)

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REFERENCE COUNT:

42

THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/743,852

18 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:120737 CAPLUS

DOCUMENT NUMBER: 142:219270

TITLE: Preparation of 2-imino-4-(thio)oxo-5-polycyclovinyllazolines as PI3 kinase inhibitors

INVENTOR(S): Rueckle, Thomas; Shaw, Jeffrey; Church, Denis; Covini, David

PATENT ASSIGNEE(S): Applied Research Systems Ars Holding N.V., Neth.

SOURCE: PCT Int. Appl., 72 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005011686	A1	20050210	WO 2004-EP51625	20040727
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

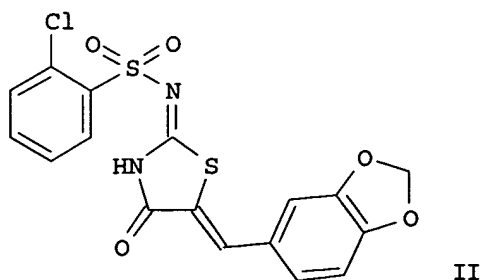
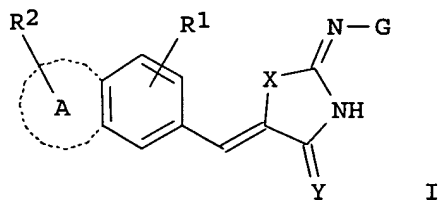
PRIORITY APPLN. INFO.:

EP 2003-102313

A 20030728

OTHER SOURCE(S): MARPAT 142:219270

GI



AB The title compds. I [A = 5-8 membered heterocyclic or carbocyclic group which may be fused with an aryl, heteroaryl, cycloalkyl or

heterocycloalkyl; X = S, O, NR₃, Y = S, O; R₁ = H, CN, CO₂H, acyl, etc.; R₂ = H, halo, acyl, NH₂, etc.; G = alkoxy, alkyl, CN, etc.; R₃ = H, alkyl; with provisos], useful in particular for the treatment and/or prophylaxis of autoimmune disorders and/or inflammatory diseases, cardiovascular diseases, neurodegenerative diseases, kidney diseases, platelet aggregation, cancer, transplantation, graft rejection or lung injuries, were prepared and formulated. Thus, reacting 5-benzo[1,3]dioxol-5-ylmethylene-2-iminothiazolidin-4-one (preparation given) with 2-chlorobenzenesulfonyl chloride afforded 17% II. The tested compds. I showed IC₅₀ of < 10 μM with regard to PI3Kγ.

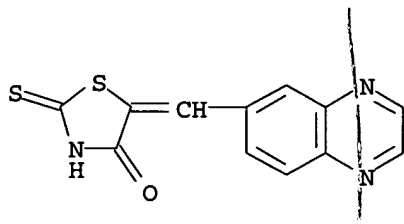
IT 648450-30-0P 843641-34-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 2-imino-4-(thio)oxo-5-polycyclovinyllazolines as PI3 kinase inhibitors)

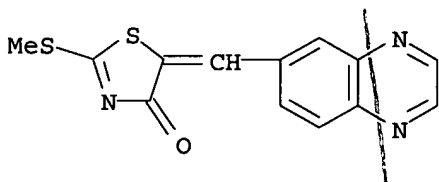
RN 648450-30-0 CAPLUS

CN 4-Thiazolidinone, 5-(6-quinoxalinylmethylene)-2-thioxo- (9CI) (CA INDEX NAME)



RN 843641-34-9 CAPLUS

CN 4(5H)-Thiazolone, 2-(methylthio)-5-(6-quinoxalinylmethylene)- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:927010 CAPLUS

DOCUMENT NUMBER: 141:376382

TITLE: Pin1-modulating compounds and methods of use for the treatment of Pin1-associated diseases, including cancer

INVENTOR(S): Bao, Lere; Kimzey, Amy

PATENT ASSIGNEE(S): Pintex Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 189 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004093803	A2	20041104	WO 2004-US11957	20040416
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-463271P P 20030416

OTHER SOURCE(S): MARPAT 141:376382

AB The invention is directed to modulators, e.g., inhibitors, of Pin1 and Pin1-related proteins and the use of such modulators for treatment of Pin1 associated states, e.g., for the treatment of cancer. The present invention aims to provide photochemotherapeutic compds. with increased specificity as compared with known agents.

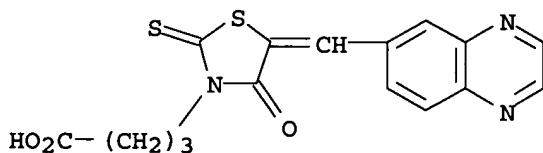
IT 676646-30-3 677004-75-0

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(Pin1-modulating compds. for treatment of Pin1-associated diseases, including cancer)

RN 676646-30-3 CAPLUS

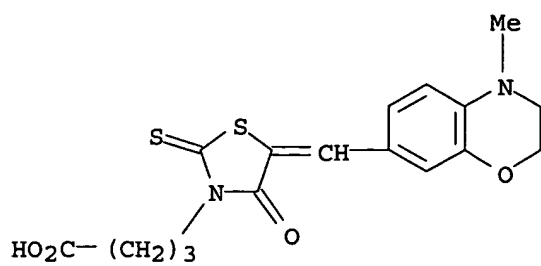
CN 3-Thiazolidinebutanoic acid, 4-oxo-5-(6-quinoxalinylmethylene)-2-thioxo- (9CI) (CA INDEX NAME)



RN 677004-75-0 CAPLUS

CN 3-Thiazolidinebutanoic acid, 5-[(3,4-dihydro-4-methyl-2H-1,4-benzoxazin-7-yl)methylene]-4-oxo-2-thioxo- (9CI) (CA INDEX NAME)

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L8 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:546505 CAPLUS

DOCUMENT NUMBER: 141:106478

TITLE: Preparation of benzoxazines and related compounds as inhibitors of PI3Ks

INVENTOR(S): Gogliotti, Rocco Dean; Muccioli, Keri Lynn; Para, Kimberly Suzanne; Visnick, Melean

PATENT ASSIGNEE(S): Warner-Lambert Company Llc, USA

SOURCE: PCT Int. Appl., 77 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

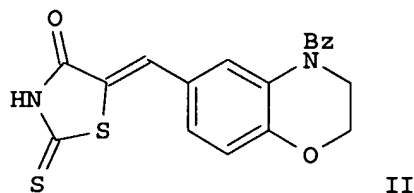
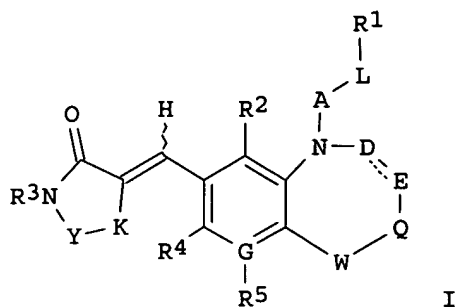
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004056820	A1	20040708	WO 2003-IB5887	20031210
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2510851	AA	20040708	CA 2003-2510851	20031210
EP 1581529	A1	20051005	EP 2003-813672	20031210
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003017572	A	20051122	BR 2003-17572	20031210
US 2004138199	A1	20040715	US 2003-743852	20031222
PRIORITY APPLN. INFO.:			US 2002-435227P	P 20021220
			WO 2003-IB5887	W 20031210

OTHER SOURCE(S): MARPAT 141:106478

GI



AB Title compds. I [W = O, S, (un)substituted NH; Q = bond, CH₂, CHMe, CMe₂; D, E = CH₂, CHMe, CMe₂; A = bond, SO₂, CO, CO₂, CONH, CSNH; L = bond, alkylene, CH:CH, oxaalkylene, thialakylene, oxoalkylene, oxoalkylenoxy, carbamoylalkylene, aminoalkylene; Y = CO, CS; K = NH, O, S, CH₂; R₁ = R₁ = H, alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclic, heteroaryl; R₂, R₄ = H, F, CF₃, Me; R₃ = H, CH₂CO₂H, Ph, alkyl, alkenyl; R₅ = H, alkoxy, alkyl, NO₂, (un)substituted NH₂, alkylthio, F, Cl] were prepared for use as inhibitors of PI3Ks in the treatment of inflammatory diseases, cardiovascular diseases, and cancers. Thus, 4,2-Br(O₂N)C₆H₃OH was reduced to the amine, N-protected, and cyclized with BrCH₂CH₂Br to 4-tert-butoxycarbonyl-6-bromo-2,3-dihydrobenz[1,4]oxazine which was converted to the 6-formyl derivative, deblocked, and treated with rhodanine to give the benzoxazine II. II had IC₅₀ for inhibition of PI3Kγ of 0.056 μM.

IT 719309-03-2P 719309-04-3P 719309-05-4P
 719309-06-5P 719309-07-6P 719309-08-7P
 719309-09-8P 719309-10-1P 719309-11-2P
 719309-12-3P 719309-13-4P 719309-14-5P
 719309-15-6P 719309-16-7P 719309-17-8P
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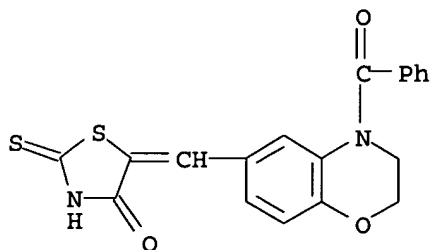
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 719310-26-6P 719310-27-7P 719310-28-8P
 719310-29-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(preparation of benzoxazines and related compds. as inhibitors of PI3Ks)

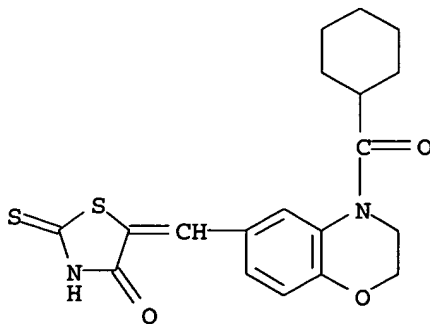
RN 719309-03-2 CAPLUS

CN 2H-1,4-Benzoxazine, 4-benzoyl-3,4-dihydro-6-[(4-oxo-2-thioxo-5-
 thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-04-3 CAPLUS

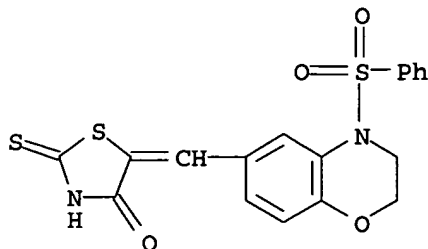
CN 2H-1,4-Benzoxazine, 4-(cyclohexylcarbonyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-
 5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



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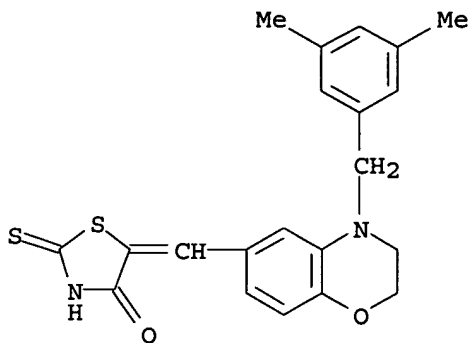
RN 719309-05-4 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]-4-(phenylsulfonyl)- (9CI) (CA INDEX NAME)



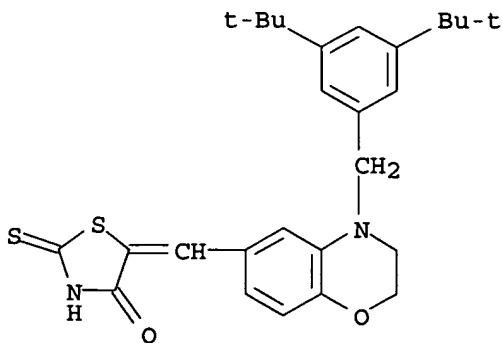
RN 719309-06-5 CAPLUS

CN 4-Thiazolidinone, 5-[[4-[(3,5-dimethylphenyl)methyl]-3,4-dihydro-2H-1,4-benzoxazin-6-yl]methylene]-2-thioxo- (9CI) (CA INDEX NAME)



RN 719309-07-6 CAPLUS

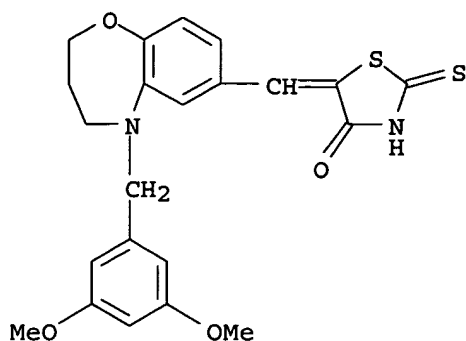
CN 4-Thiazolidinone, 5-[[4-[[3,5-bis(1,1-dimethylethyl)phenyl]methyl]-3,4-dihydro-2H-1,4-benzoxazin-6-yl]methylene]-2-thioxo- (9CI) (CA INDEX NAME)



RN 719309-08-7 CAPLUS

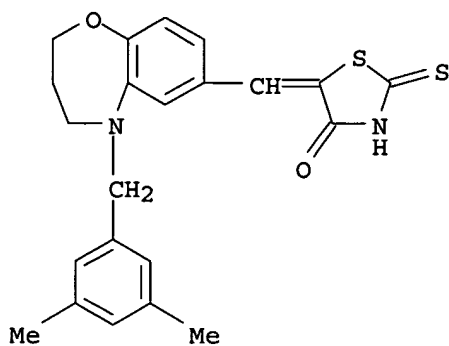
CN 4-Thiazolidinone, 5-[[5-[(3,5-dimethoxyphenyl)methyl]-2,3,4,5-tetrahydro-1,5-benzoxazepin-7-yl]methylene]-2-thioxo- (9CI) (CA INDEX NAME)

10/743,852



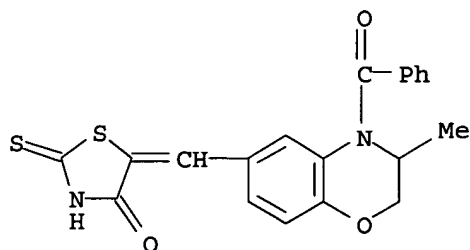
RN 719309-09-8 CAPLUS

CN 4-Thiazolidinone, 5-[[5-[(3,5-dimethylphenyl)methyl]-2,3,4,5-tetrahydro-1,5-benzoxazepin-7-yl]methylene]-2-thioxo- (9CI) (CA INDEX NAME)



RN 719309-10-1 CAPLUS

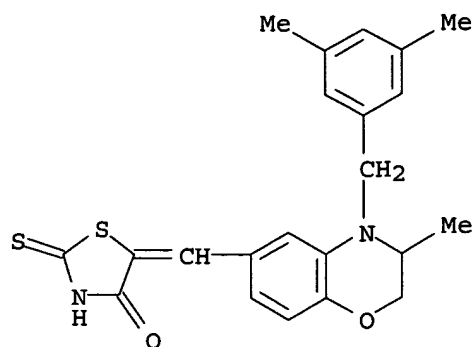
CN 2H-1,4-Benzoxazine, 4-benzoyl-3,4-dihydro-3-methyl-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-11-2 CAPLUS

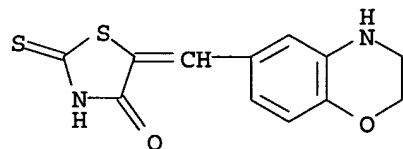
CN 4-Thiazolidinone, 5-[[4-[(3,5-dimethylphenyl)methyl]-3,4-dihydro-3-methyl-2H-1,4-benzoxazin-6-yl]methylene]-2-thioxo- (9CI) (CA INDEX NAME)

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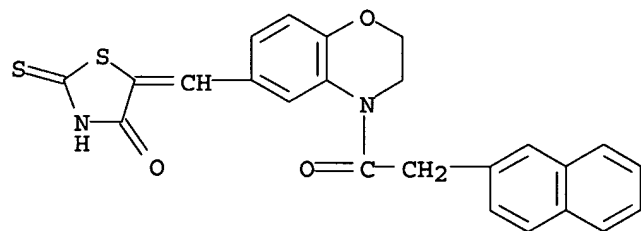
RN 719309-12-3 CAPLUS

CN 4-Thiazolidinone, 5-[(3,4-dihydro-2H-1,4-benzoxazin-6-yl)methylene]-2-thioxo- (9CI) (CA INDEX NAME)



RN 719309-13-4 CAPLUS

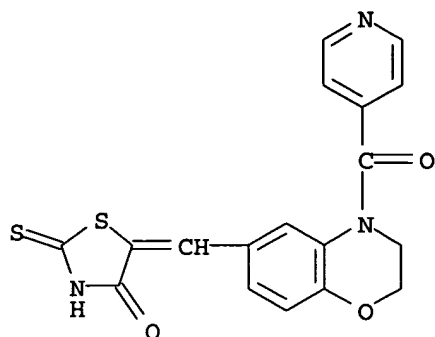
CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(2-naphthalenylacetyl)-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-14-5 CAPLUS

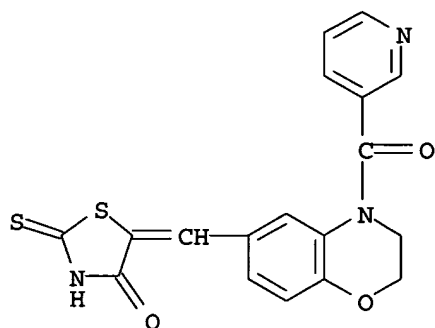
CN 2H-1,4-Benzoxazine, 3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-4-(4-pyridinylcarbonyl)- (9CI) (CA INDEX NAME)

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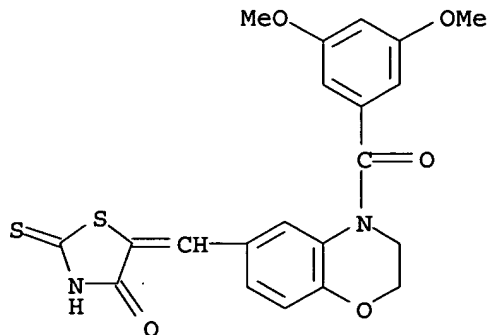
RN 719309-15-6 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-4-(3-pyridinylcarbonyl)- (9CI) (CA INDEX NAME)



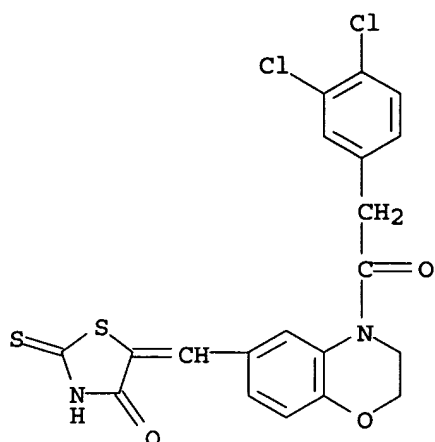
RN 719309-16-7 CAPLUS

CN 2H-1,4-Benzoxazine, 4-(3,5-dimethoxybenzoyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-17-8 CAPLUS

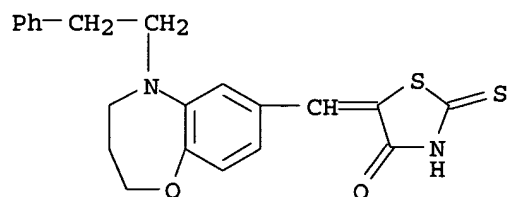
CN 2H-1,4-Benzoxazine, 4-[(3,4-dichlorophenyl)acetyl]-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



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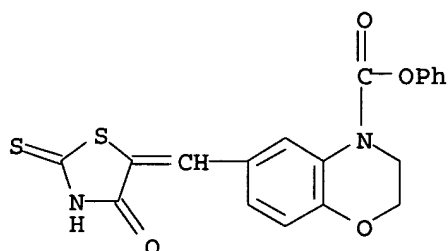
RN 719309-18-9 CAPLUS

CN 4-Thiazolidinone, 5-[[2,3,4,5-tetrahydro-5-(2-phenylethyl)-1,5-benzoxazin-7-yl]methylene]-2-thioxo- (9CI) (CA INDEX NAME)



RN 719309-19-0 CAPLUS

CN 4H-1,4-Benzoxazine-4-carboxylic acid, 2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-, phenyl ester (9CI) (CA INDEX NAME)

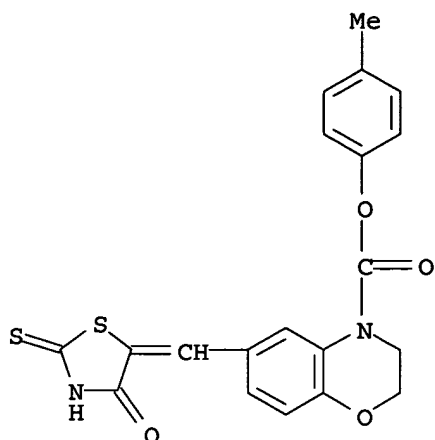


6

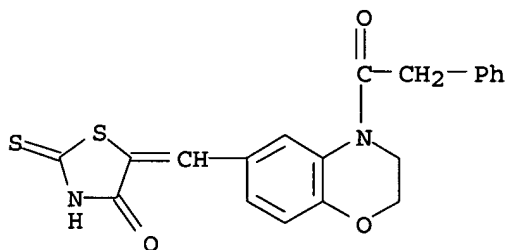
RN 719309-20-3 CAPLUS

CN 4H-1,4-Benzoxazine-4-carboxylic acid, 2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-, 4-methylphenyl ester (9CI) (CA INDEX NAME)

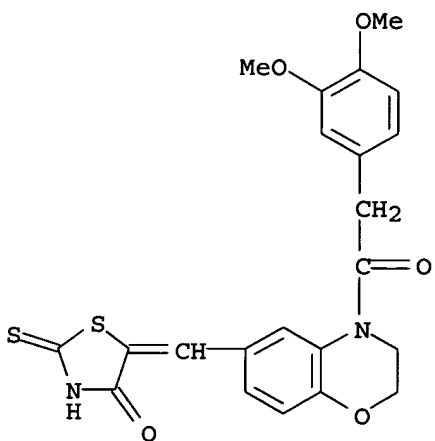
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RN 719309-21-4 CAPLUS
CN 2H-1,4-Benzoxazine, 3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-4-(phenylacetyl)- (9CI) (CA INDEX NAME)



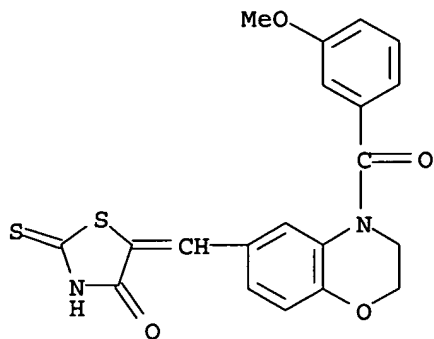
RN 719309-22-5 CAPLUS
CN 2H-1,4-Benzoxazine, 4-[(3,4-dimethoxyphenyl)acetyl]-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-23-6 CAPLUS
CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(3-methoxybenzoyl)-6-[(4-oxo-2-thioxo-5-

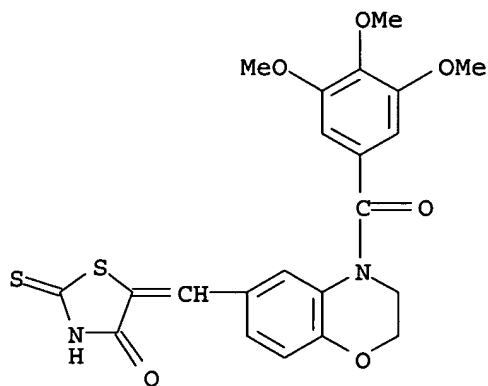
10/743,852

thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



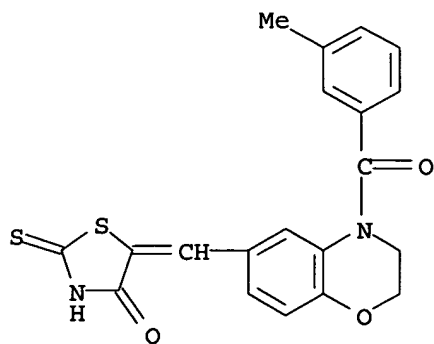
RN 719309-24-7 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-4-(3,4,5-trimethoxybenzoyl)- (9CI) (CA INDEX NAME)



RN 719309-25-8 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(3-methylbenzoyl)-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)

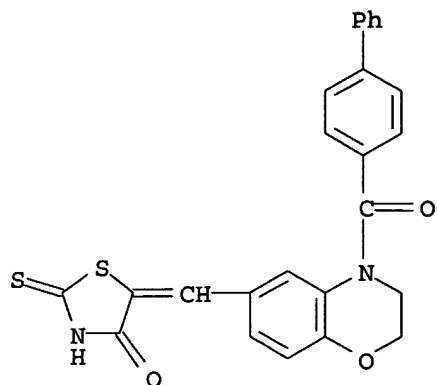


RN 719309-26-9 CAPLUS

CN 2H-1,4-Benzoxazine, 4-([1,1'-biphenyl]-4-ylcarbonyl)-3,4-dihydro-6-[(4-oxo-

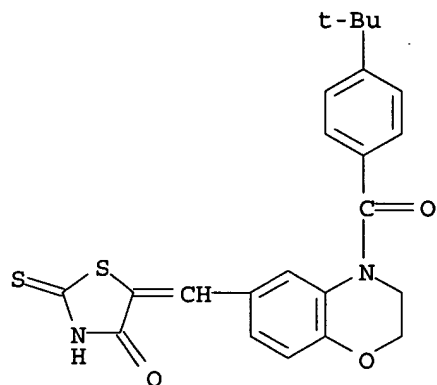
10/743,852

2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



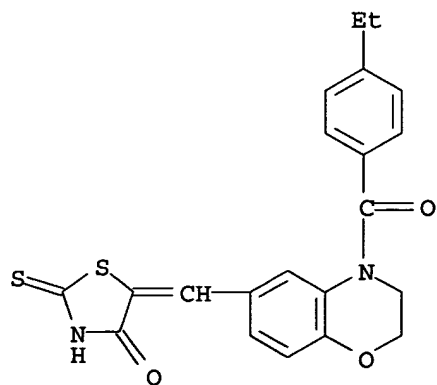
RN 719309-27-0 CAPLUS

CN 2H-1,4-Benzoxazine, 4-[4-(1,1-dimethylethyl)benzoyl]-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-28-1 CAPLUS

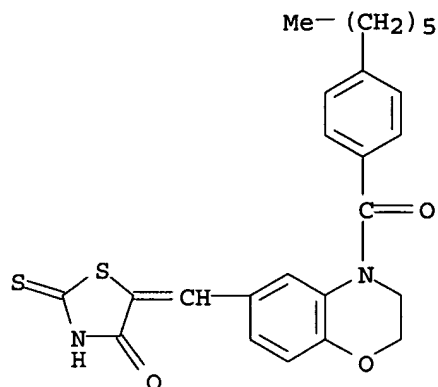
CN 2H-1,4-Benzoxazine, 4-(4-ethylbenzoyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



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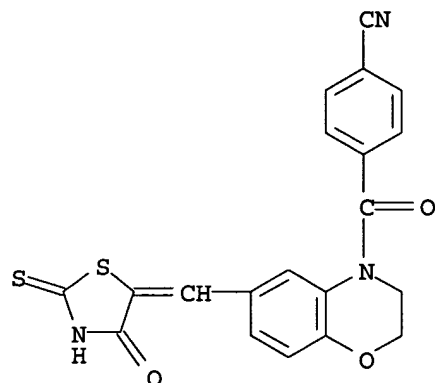
RN 719309-29-2 CAPLUS

CN 2H-1,4-Benzoxazine, 4-(4-hexylbenzoyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



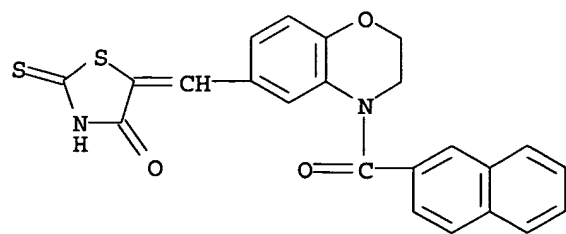
RN 719309-30-5 CAPLUS

CN 2H-1,4-Benzoxazine, 4-(4-cyanobenzoyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-31-6 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(2-naphthalenylcarbonyl)-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)

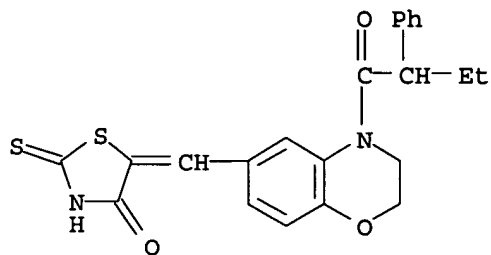


RN 719309-32-7 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(1-oxo-2-phenylbutyl)-6-[(4-oxo-2-thioxo-

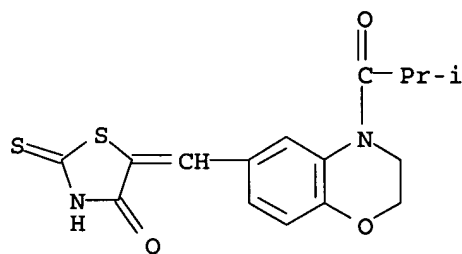
10/743,852

5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



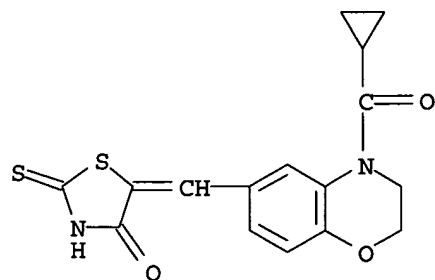
RN 719309-33-8 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(2-methyl-1-oxopropyl)-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-34-9 CAPLUS

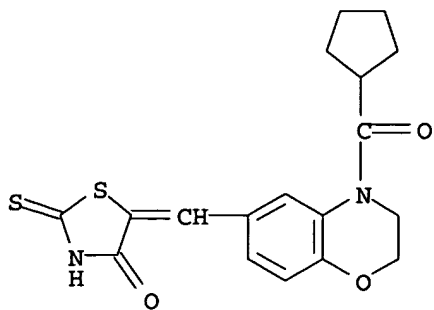
CN 2H-1,4-Benzoxazine, 4-(cyclopropylcarbonyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-35-0 CAPLUS

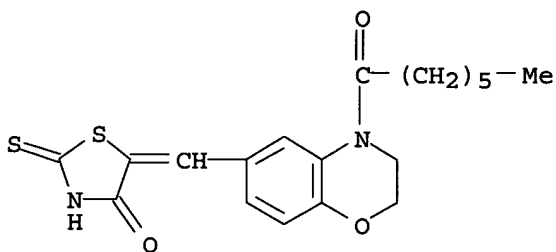
CN 2H-1,4-Benzoxazine, 4-(cyclopentylcarbonyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)

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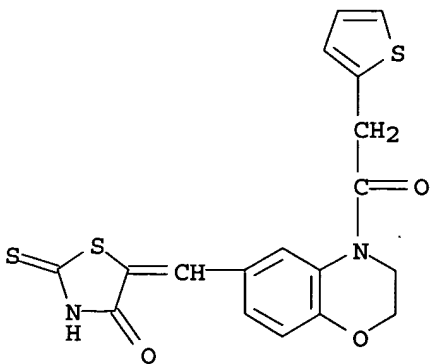
RN 719309-36-1 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(1-oxoheptyl)-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



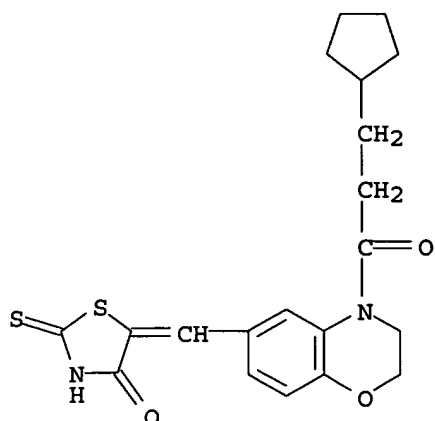
RN 719309-37-2 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-4-(2-thienylacetyl)- (9CI) (CA INDEX NAME)



RN 719309-38-3 CAPLUS

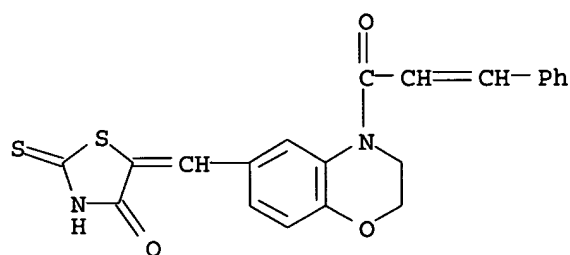
CN 2H-1,4-Benzoxazine, 4-(3-cyclopentyl-1-oxopropyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



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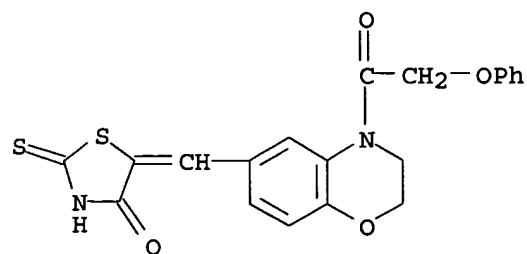
RN 719309-39-4 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(1-oxo-3-phenyl-2-propenyl)-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



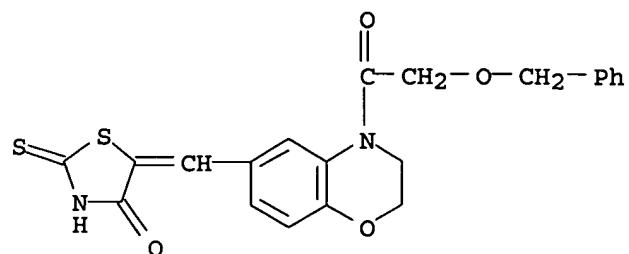
RN 719309-40-7 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-4-(phenoxyacetyl)- (9CI) (CA INDEX NAME)



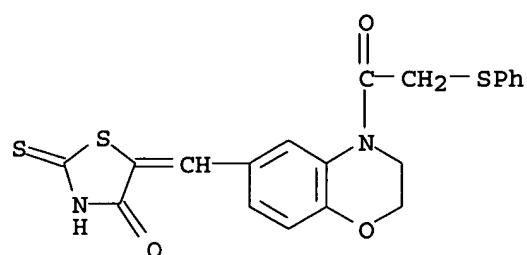
RN 719309-41-8 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-4-[(phenylmethoxy)acetyl]- (9CI) (CA INDEX NAME)



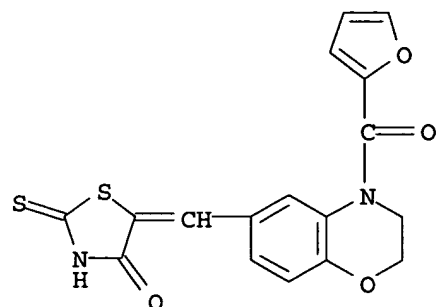
RN 719309-42-9 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-4-[(phenylthio)acetyl]- (9CI) (CA INDEX NAME)



RN 719309-43-0 CAPLUS

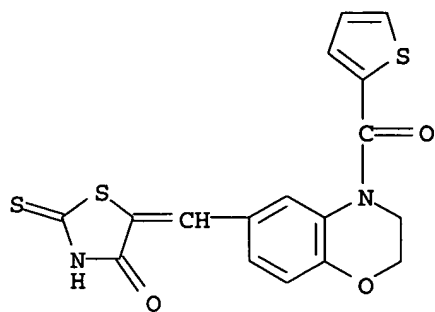
CN 2H-1,4-Benzoxazine, 4-(2-furanylcarbonyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



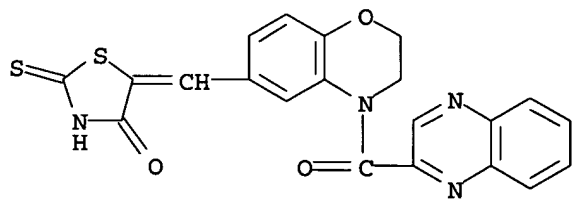
RN 719309-44-1 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-4-(2-thienylcarbonyl)- (9CI) (CA INDEX NAME)

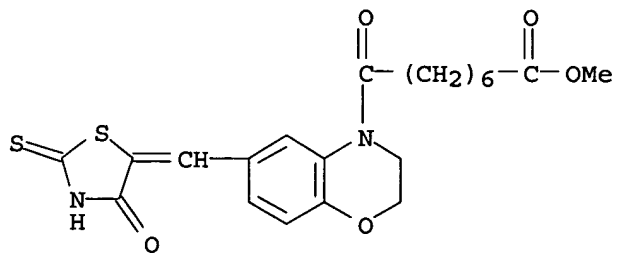
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RN 719309-45-2 CAPLUS
 CN 2H-1,4-Benzoxazine, 3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-4-(2-quinoxalinylylcarbonyl)- (9CI) (CA INDEX NAME)

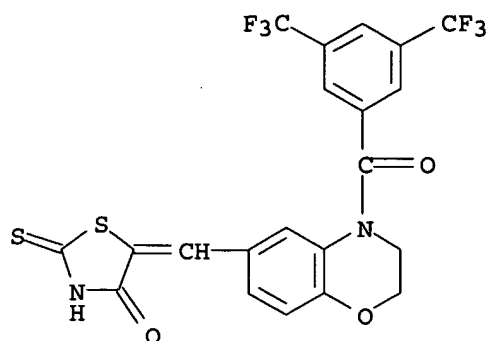


RN 719309-46-3 CAPLUS
 CN 4H-1,4-Benzoxazine-4-octanoic acid, 2,3-dihydro-η-oxo-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-, methyl ester (9CI) (CA INDEX NAME)



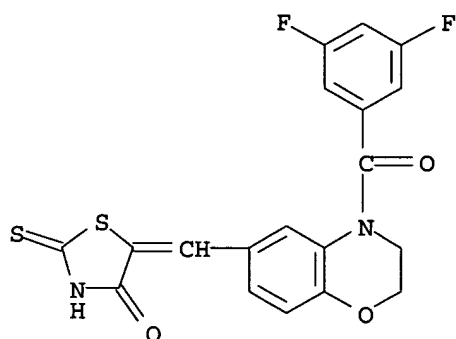
RN 719309-47-4 CAPLUS
 CN 2H-1,4-Benzoxazine, 4-[3,5-bis(trifluoromethyl)benzoyl]-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)

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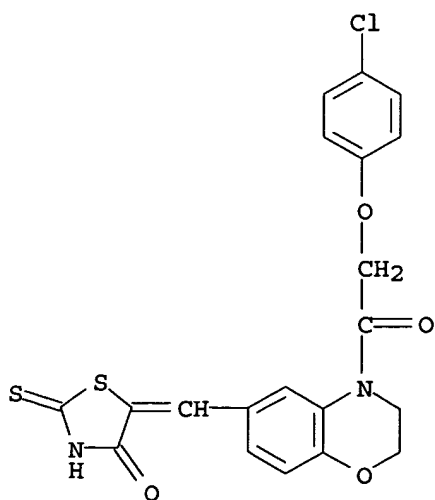
RN 719309-48-5 CAPLUS

CN 2H-1,4-Benzoxazine, 4-(3,5-difluorobenzoyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-49-6 CAPLUS

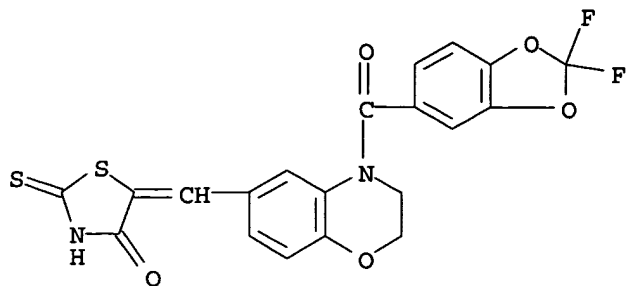
CN 2H-1,4-Benzoxazine, 4-[(4-chlorophenoxy)acetyl]-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-50-9 CAPLUS

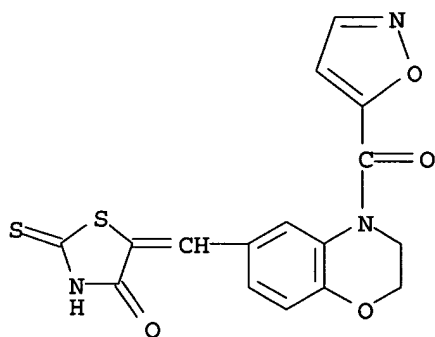
10/743,852

CN 2H-1,4-Benzoxazine, 4-[(2,2-difluoro-1,3-benzodioxol-5-yl)carbonyl]-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-51-0 CAPLUS

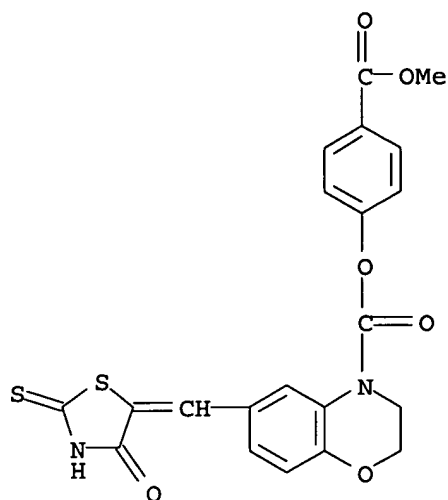
CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(5-isoxazolylcarbonyl)-6-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-52-1 CAPLUS

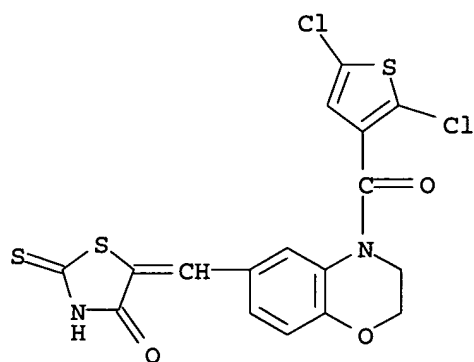
CN 4H-1,4-Benzoxazine-4-carboxylic acid, 2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]-, 4-(methoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)

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RN 719309-53-2 CAPLUS

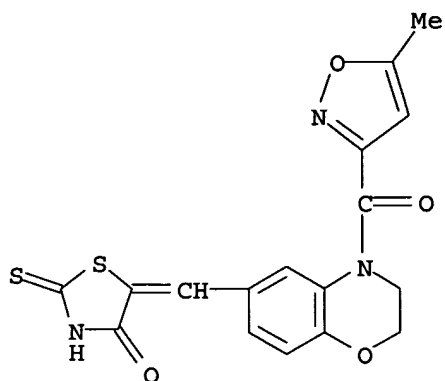
CN 2H-1,4-Benzoxazine, 4-[(2,5-dichloro-3-thienyl)carbonyl]-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-54-3 CAPLUS

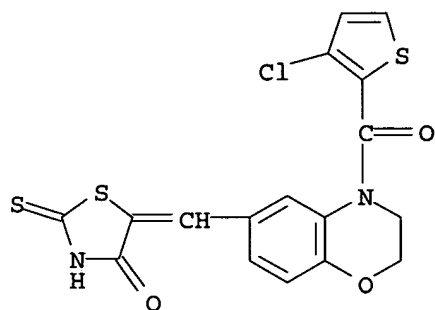
CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-[(5-methyl-3-isoxazolyl)carbonyl]-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)

10/743,852



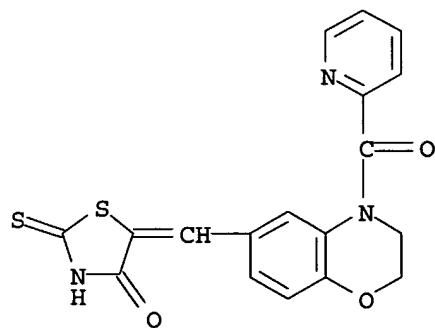
RN 719309-55-4 CAPLUS

CN 2H-1,4-Benzoxazine, 4-[(3-chloro-2-thienyl)carbonyl]-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-56-5 CAPLUS

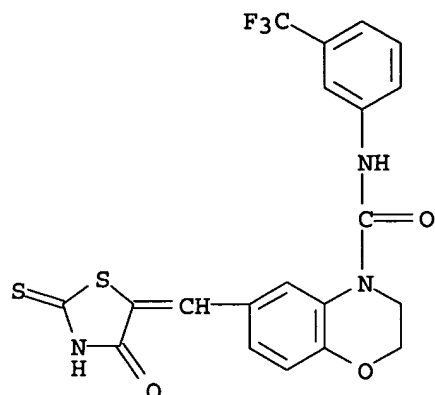
CN 2H-1,4-Benzoxazine, 3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-4-(2-pyridinylcarbonyl)- (9CI) (CA INDEX NAME)



RN 719309-57-6 CAPLUS

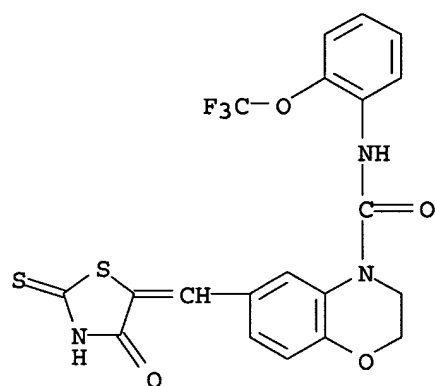
CN 4H-1,4-Benzoxazine-4-carboxamide, 2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-N-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

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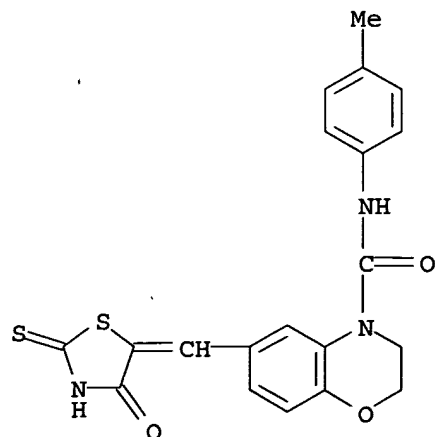


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RN 719309-58-7 CAPLUS
CN 4H-1,4-Benzoxazine-4-carboxamide, 2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-N-[2-(trifluoromethoxy)phenyl]- (9CI) (CA INDEX NAME)



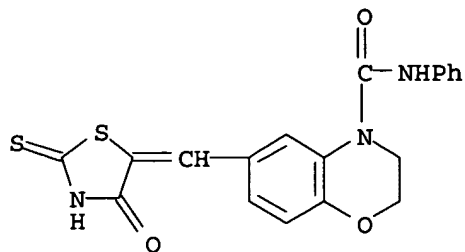
RN 719309-59-8 CAPLUS
CN 4H-1,4-Benzoxazine-4-carboxamide, 2,3-dihydro-N-(4-methylphenyl)-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



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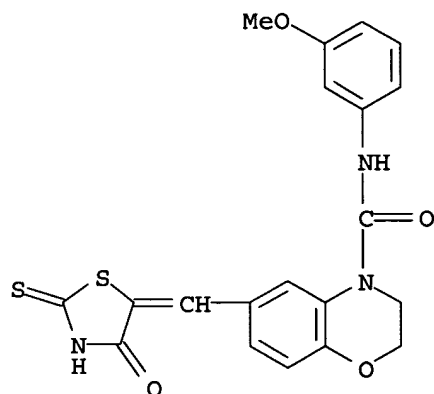
RN 719309-60-1 CAPLUS

CN 4H-1,4-Benzoxazine-4-carboxamide, 2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-N-phenyl- (9CI) (CA INDEX NAME)



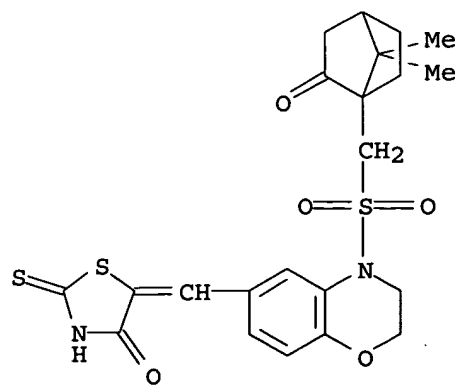
RN 719309-61-2 CAPLUS

CN 4H-1,4-Benzoxazine-4-carboxamide, 2,3-dihydro-N-(3-methoxyphenyl)-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-62-3 CAPLUS

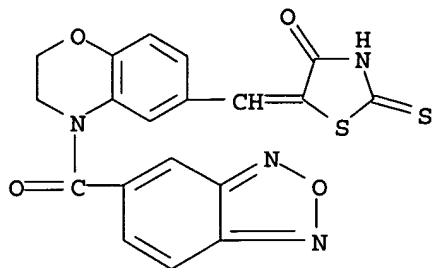
CN 2H-1,4-Benzoxazine, 4-[[[(7,7-dimethyl-2-oxobicyclo[2.2.1]hept-1-yl)methyl]sulfonyl]-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



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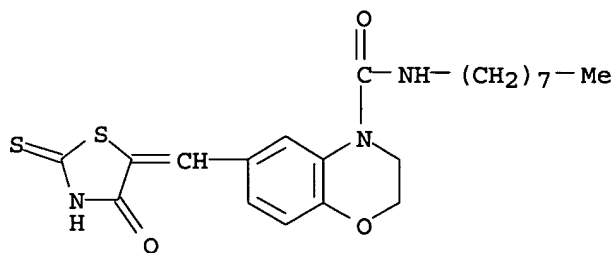
RN 719309-63-4 CAPLUS

CN 2H-1,4-Benzoxazine, 4-(2,1,3-benzoxadiazol-5-ylcarbonyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]- (9CI) (CA INDEX NAME)



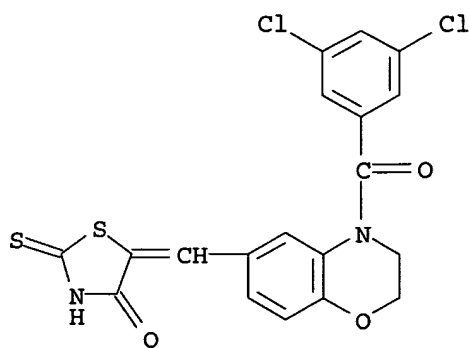
RN 719309-64-5 CAPLUS

CN 4H-1,4-Benzoxazine-4-carboxamide, 2,3-dihydro-N-octyl-6-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-65-6 CAPLUS

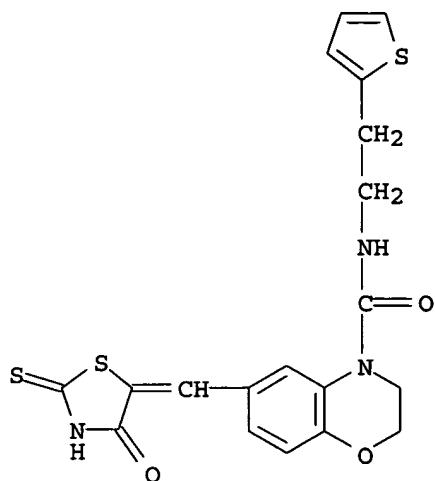
CN 2H-1,4-Benzoxazine, 4-(3,5-dichlorobenzoyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-66-7 CAPLUS

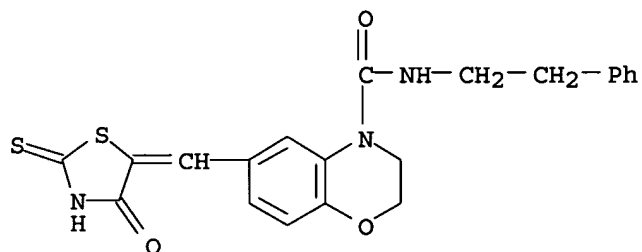
CN 4H-1,4-Benzoxazine-4-carboxamide, 2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]-N-[2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)

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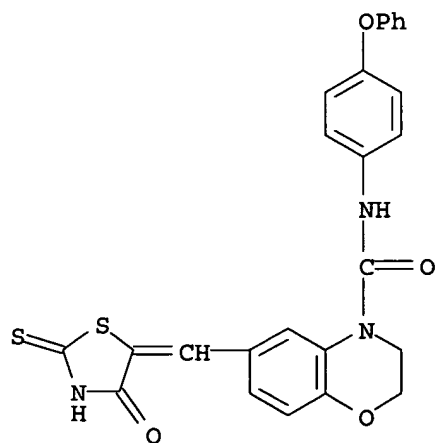
RN 719309-67-8 CAPLUS

CN 4H-1,4-Benzoxazine-4-carboxamide, 2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-N-(2-phenylethyl)- (9CI) (CA INDEX NAME)



RN 719309-68-9 CAPLUS

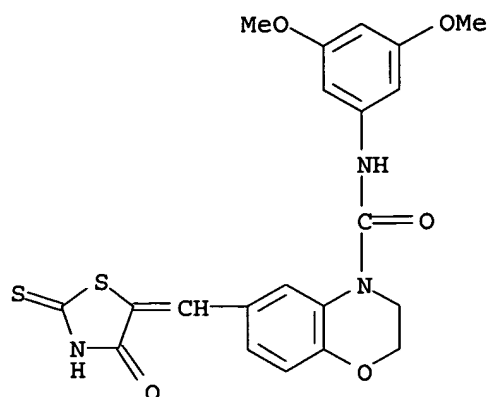
CN 4H-1,4-Benzoxazine-4-carboxamide, 2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-N-(4-phenoxyphenyl)- (9CI) (CA INDEX NAME)



RN 719309-69-0 CAPLUS

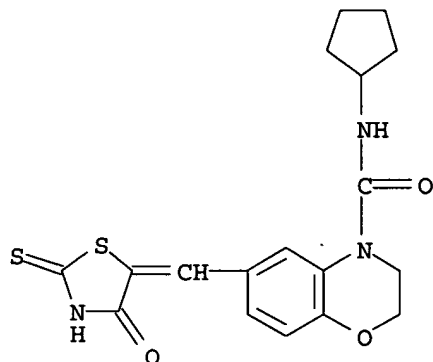
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CN 4H-1,4-Benzoxazine-4-carboxamide, N-(3,5-dimethoxyphenyl)-2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-70-3 CAPLUS

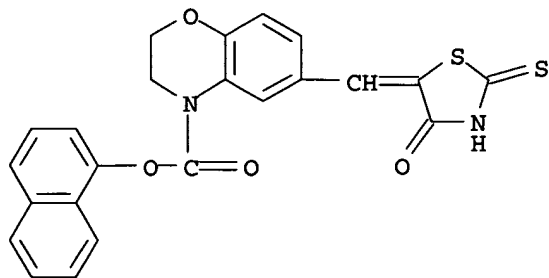
CN 4H-1,4-Benzoxazine-4-carboxamide, N-cyclopentyl-2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



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RN 719309-71-4 CAPLUS

CN 4H-1,4-Benzoxazine-4-carboxylic acid, 2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-, 1-naphthalenyl ester (9CI) (CA INDEX NAME)

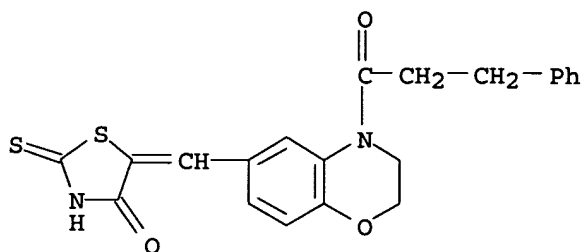


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RN 719309-72-5 CAPLUS

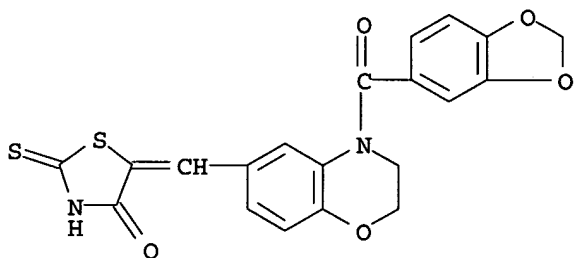
CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(1-oxo-3-phenylpropyl)-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)

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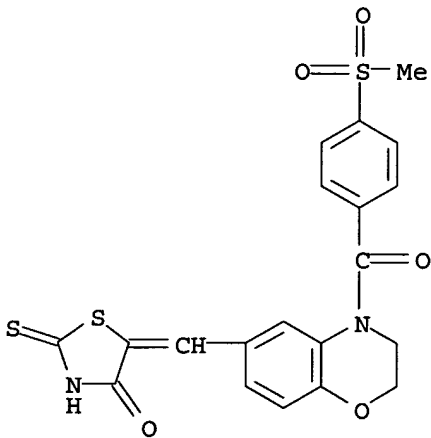
RN 719309-73-6 CAPLUS

CN 2H-1,4-Benzoxazine, 4-(1,3-benzodioxol-5-ylcarbonyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-74-7 CAPLUS

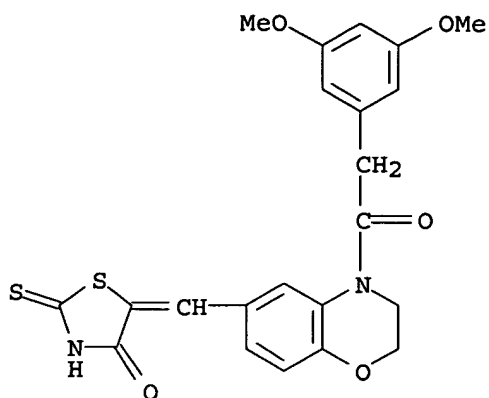
CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-[4-(methanesulfonyl)benzoyl]-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-75-8 CAPLUS

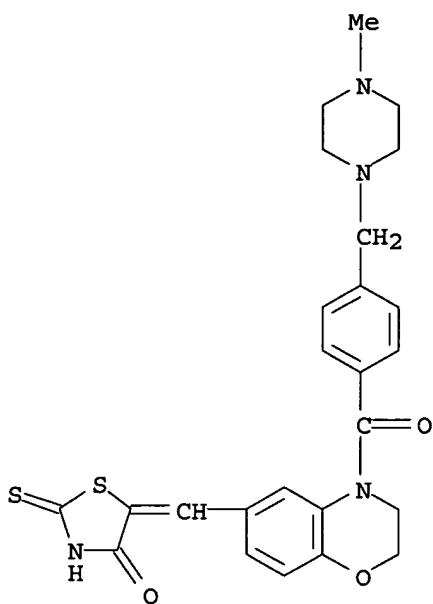
CN 2H-1,4-Benzoxazine, 4-[(3,5-dimethoxyphenyl)acetyl]-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)

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RN 719309-76-9 CAPLUS

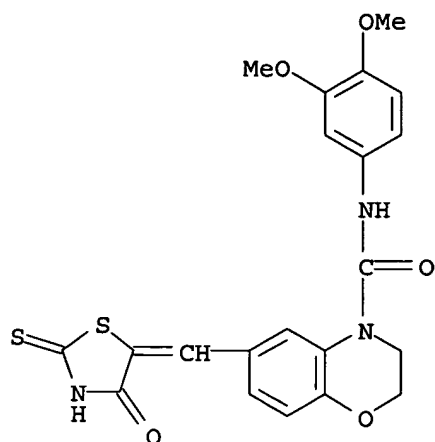
CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-[4-[(4-methyl-1-piperazinyl)methyl]benzoyl]-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-77-0 CAPLUS

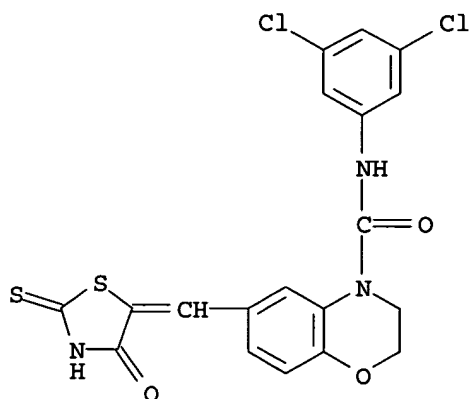
CN 4H-1,4-Benzoxazine-4-carboxamide, N-(3,4-dimethoxyphenyl)-2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)

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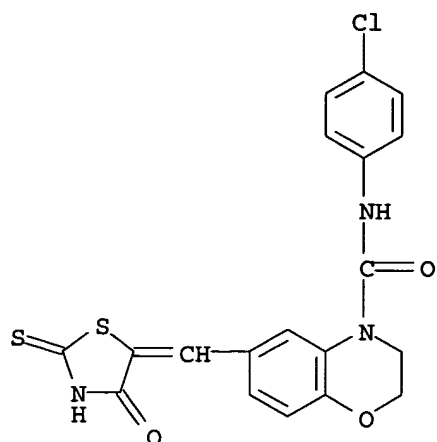
RN 719309-78-1 CAPLUS

CN 4H-1,4-Benzoxazine-4-carboxamide, N-(3,5-dichlorophenyl)-2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



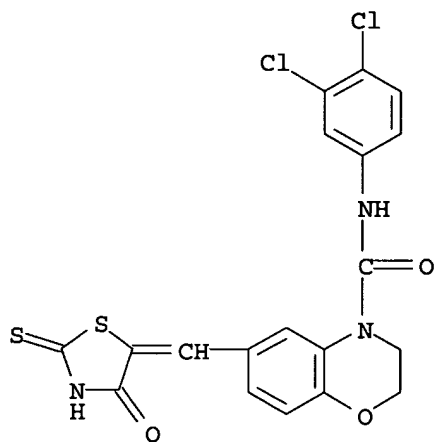
RN 719309-79-2 CAPLUS

CN 4H-1,4-Benzoxazine-4-carboxamide, N-(4-chlorophenyl)-2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



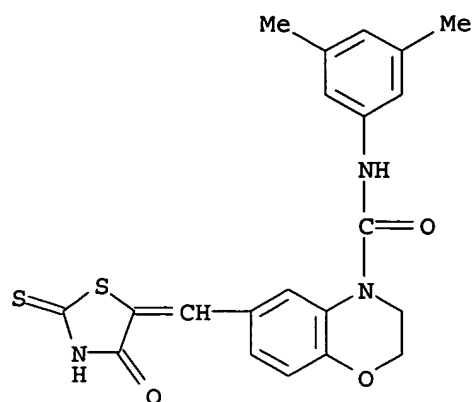
15

RN 719309-80-5 CAPLUS
 CN 4H-1,4-Benzoxazine-4-carboxamide, N-(3,4-dichlorophenyl)-2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



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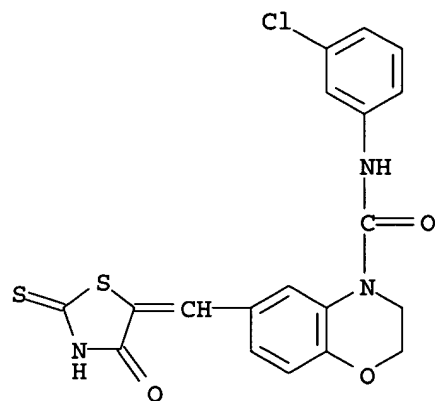
RN 719309-81-6 CAPLUS
 CN 4H-1,4-Benzoxazine-4-carboxamide, N-(3,5-dimethylphenyl)-2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



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RN 719309-82-7 CAPLUS

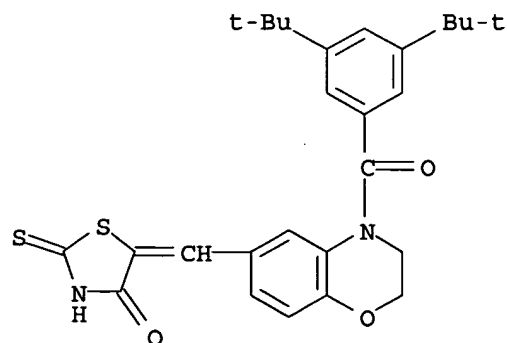
CN 4H-1,4-Benzoxazine-4-carboxamide, N-(3-chlorophenyl)-2,3-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



18

RN 719309-83-8 CAPLUS

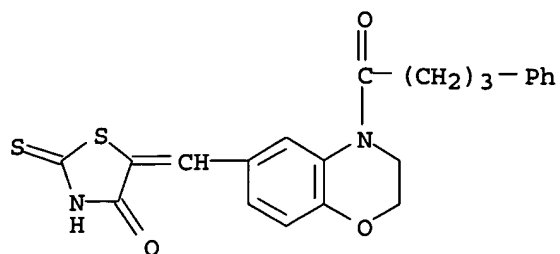
CN 2H-1,4-Benzoxazine, 4-[3,5-bis(1,1-dimethylethyl)benzoyl]-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-84-9 CAPLUS

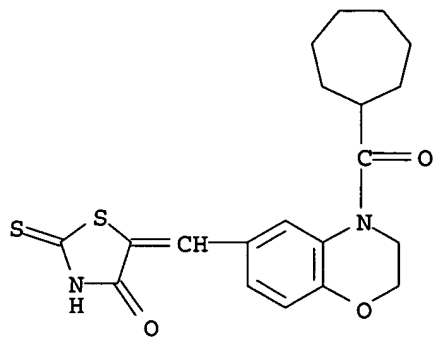
CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(1-oxo-4-phenylbutyl)-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)

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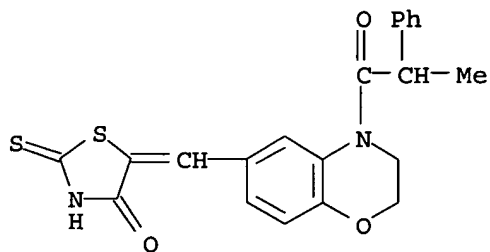
RN 719309-85-0 CAPLUS

CN 2H-1,4-Benzoxazine, 4-(cycloheptylcarbonyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



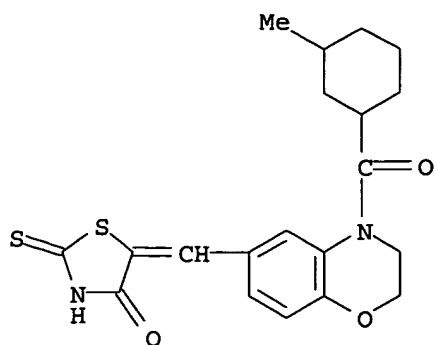
RN 719309-86-1 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(1-oxo-2-phenylpropyl)-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



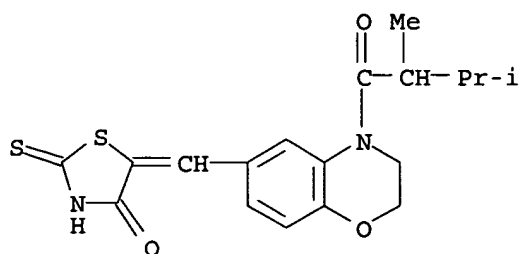
RN 719309-87-2 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-[(3-methylcyclohexyl)carbonyl]-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



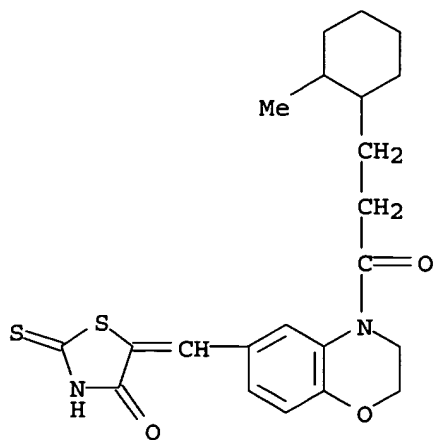
RN 719309-88-3 CAPLUS

CN 2H-1,4-Benzoxazine, 4-(2,3-dimethyl-1-oxobutyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-89-4 CAPLUS

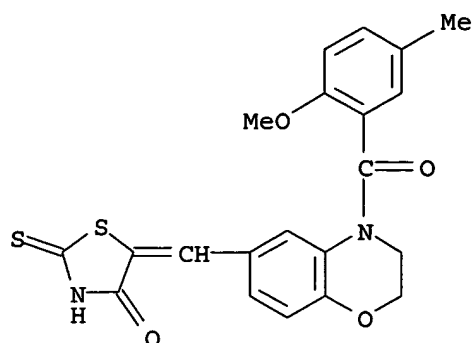
CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-[3-(2-methylcyclohexyl)-1-oxopropyl]-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-90-7 CAPLUS

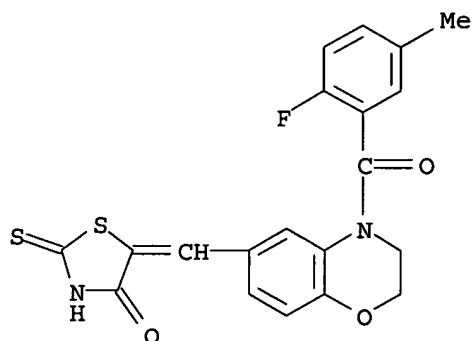
CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(2-methoxy-5-methylbenzoyl)-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)

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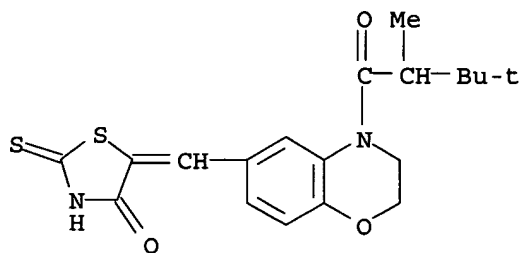
RN 719309-91-8 CAPLUS

CN 2H-1,4-Benzoxazine, 4-(2-fluoro-5-methylbenzoyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



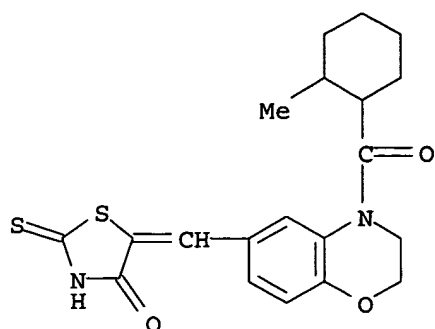
RN 719309-92-9 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-4-(2,3,3-trimethyl-1-oxobutyl)- (9CI) (CA INDEX NAME)



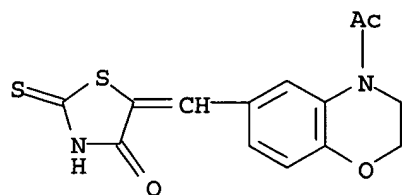
RN 719309-93-0 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-[(2-methylcyclohexyl)carbonyl]-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



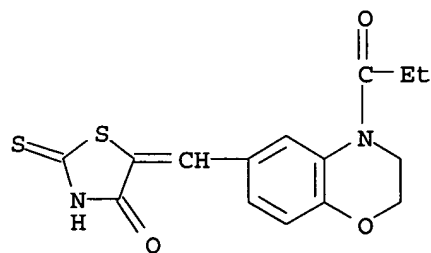
RN 719309-94-1 CAPLUS

CN 2H-1,4-Benzoxazine, 4-acetyl-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



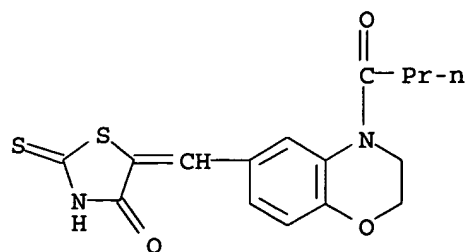
RN 719309-95-2 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(1-oxopropyl)-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-96-3 CAPLUS

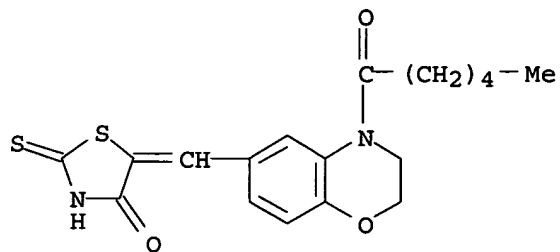
CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(1-oxobutyl)-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



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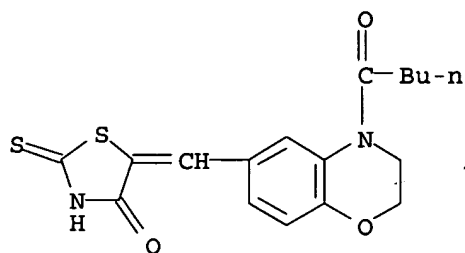
RN 719309-97-4 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(1-oxohexyl)-6-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]- (9CI) (CA INDEX NAME)



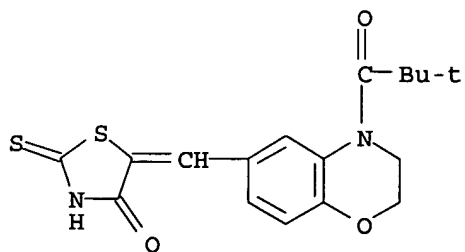
RN 719309-98-5 CAPLUS

CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(1-oxopentyl)-6-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]- (9CI) (CA INDEX NAME)



RN 719309-99-6 CAPLUS

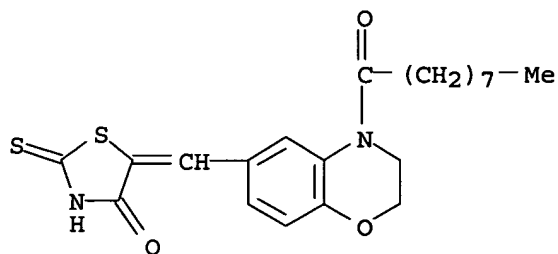
CN 2H-1,4-Benzoxazine, 4-(2,2-dimethyl-1-oxopropyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]- (9CI) (CA INDEX NAME)



RN 719310-00-6 CAPLUS

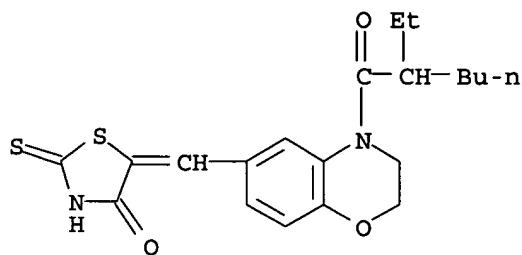
CN 2H-1,4-Benzoxazine, 3,4-dihydro-4-(1-oxononyl)-6-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]- (9CI) (CA INDEX NAME)

10/743,852



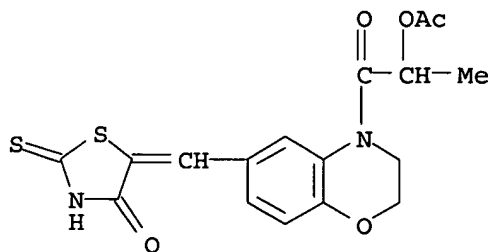
RN 719310-01-7 CAPLUS

CN 2H-1,4-Benzoxazine, 4-(2-ethyl-1-oxohexyl)-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



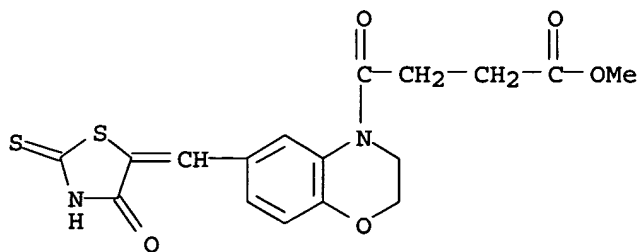
RN 719310-02-8 CAPLUS

CN 2H-1,4-Benzoxazine, 4-[2-(acetyloxy)-1-oxopropyl]-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719310-03-9 CAPLUS

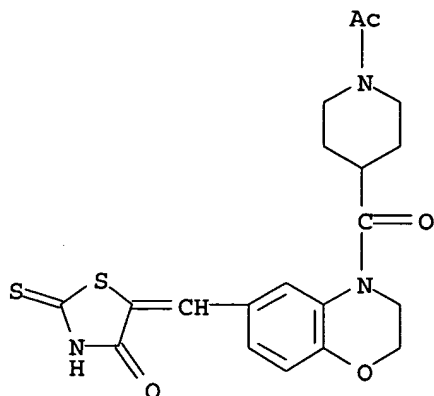
CN 4H-1,4-Benzoxazine-4-butanoic acid, 2,3-dihydro-γ-oxo-6-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-, methyl ester (9CI) (CA INDEX NAME)



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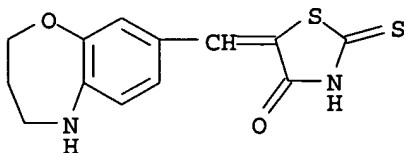
RN 719310-04-0 CAPLUS

CN 2H-1,4-Benzoxazine, 4-[(1-acetyl-4-piperidiny)carbonyl]-3,4-dihydro-6-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]- (9CI) (CA INDEX NAME)



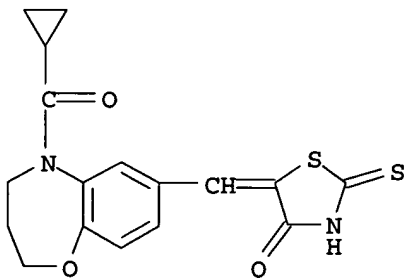
RN 719310-05-1 CAPLUS

CN 4-Thiazolidinone, 5-[(2,3,4,5-tetrahydro-1,5-benzoxazepin-8-yl)methylene]-2-thioxo- (9CI) (CA INDEX NAME)



RN 719310-06-2 CAPLUS

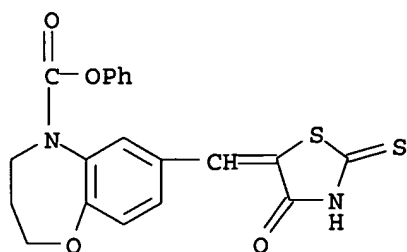
CN 1,5-Benzoxazepine, 5-(cyclopropylcarbonyl)-2,3,4,5-tetrahydro-7-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]- (9CI) (CA INDEX NAME)



RN 719310-07-3 CAPLUS

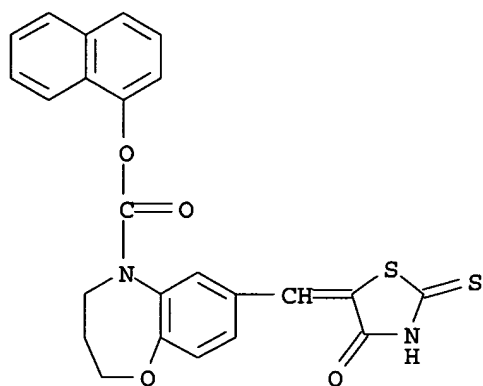
CN 1,5-Benzoxazepine-5(2H)-carboxylic acid, 3,4-dihydro-7-[(4-oxo-2-thioxo-5-thiazolidinyldene)methyl]-, phenyl ester (9CI) (CA INDEX NAME)

10/743,852



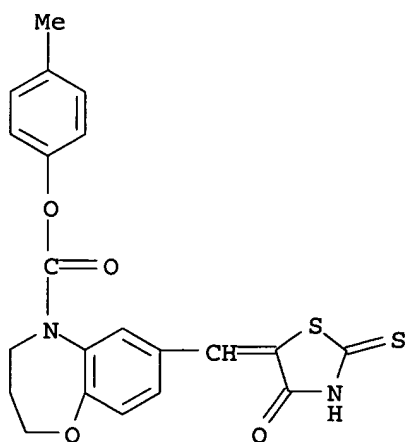
RN 719310-08-4 CAPLUS

CN 1,5-Benzoxazepine-5(2H)-carboxylic acid, 3,4-dihydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-, 1-naphthalenyl ester (9CI) (CA INDEX NAME)



RN 719310-09-5 CAPLUS

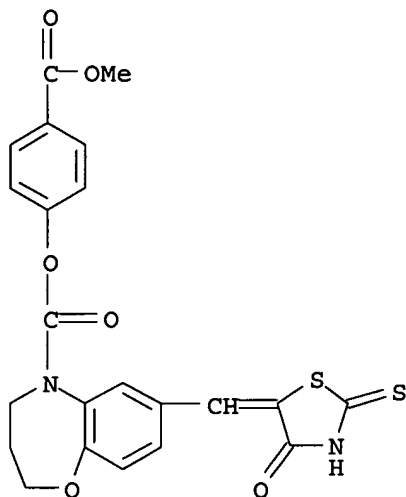
CN 1,5-Benzoxazepine-5(2H)-carboxylic acid, 3,4-dihydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-, 4-methylphenyl ester (9CI) (CA INDEX NAME)



RN 719310-10-8 CAPLUS

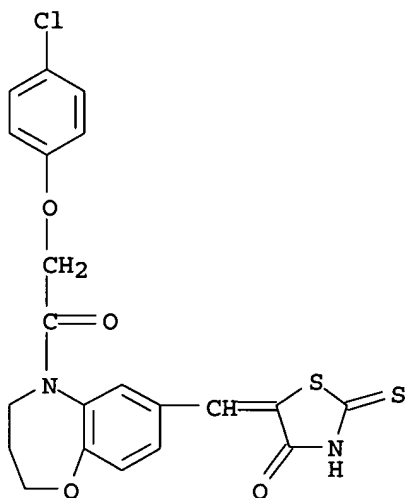
CN 1,5-Benzoxazepine-5(2H)-carboxylic acid, 3,4-dihydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-, 4-(methoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)

10/743,852



RN 719310-11-9 CAPLUS

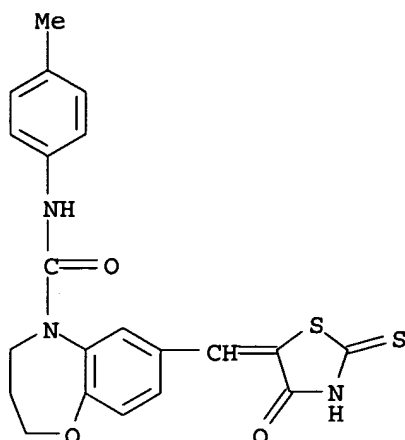
CN 1,5-Benzoxazepine, 5-[(4-chlorophenoxy)acetyl]-2,3,4,5-tetrahydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719310-12-0 CAPLUS

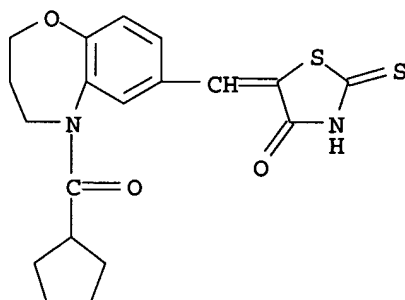
CN 1,5-Benzoxazepine-5(2H)-carboxamide, 3,4-dihydro-N-(4-methylphenyl)-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)

10/743,852



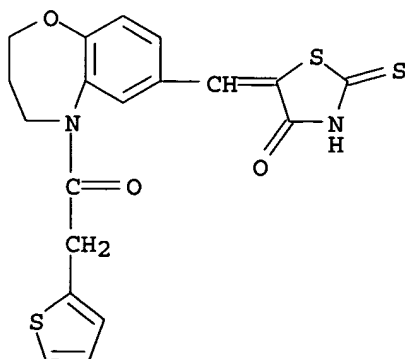
RN 719310-13-1 CAPLUS

CN 1,5-Benzoxazepine, 5-(cyclopentylcarbonyl)-2,3,4,5-tetrahydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719310-14-2 CAPLUS

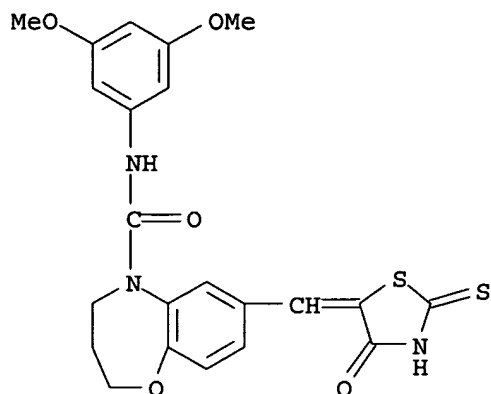
CN 1,5-Benzoxazepine, 2,3,4,5-tetrahydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-5-(2-thienylacetyl)- (9CI) (CA INDEX NAME)



RN 719310-15-3 CAPLUS

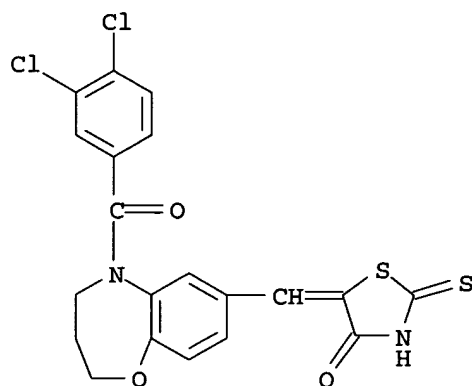
CN 1,5-Benzoxazepine-5(2H)-carboxamide, N-(3,5-dimethoxyphenyl)-3,4-dihydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)

10/743,852



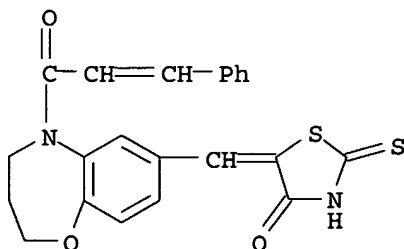
RN 719310-16-4 CAPLUS

CN 1,5-Benzoxazepine, 5-(3,4-dichlorobenzoyl)-2,3,4,5-tetrahydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719310-17-5 CAPLUS

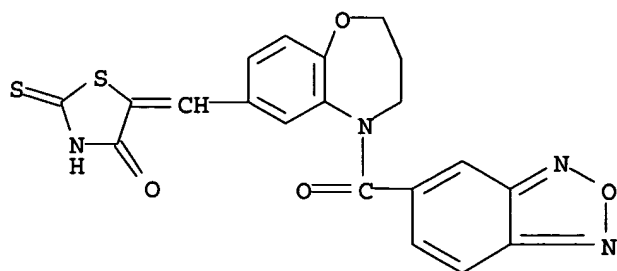
CN 1,5-Benzoxazepine, 2,3,4,5-tetrahydro-5-(1-oxo-3-phenyl-2-propenyl)-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719310-18-6 CAPLUS

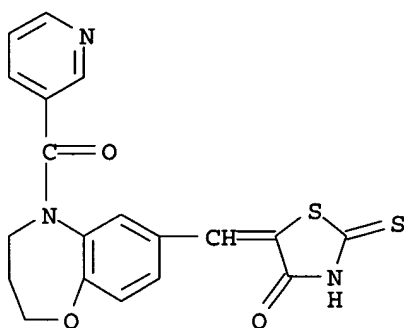
CN 1,5-Benzoxazepine, 5-(2,1,3-benzoxadiazol-5-ylcarbonyl)-2,3,4,5-tetrahydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)

10/743,852



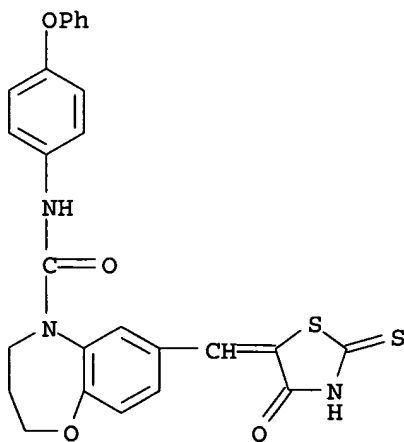
RN 719310-19-7 CAPLUS

CN 1,5-Benzoxazepine, 2,3,4,5-tetrahydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-5-(3-pyridinylcarbonyl)- (9CI) (CA INDEX NAME)



RN 719310-20-0 CAPLUS

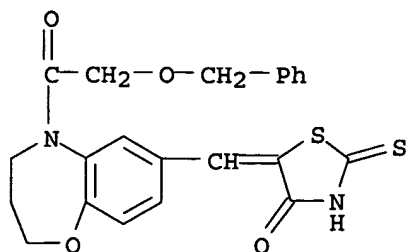
CN 1,5-Benzoxazepine-5(2H)-carboxamide, 3,4-dihydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-N-(4-phenoxyphenyl)- (9CI) (CA INDEX NAME)



RN 719310-21-1 CAPLUS

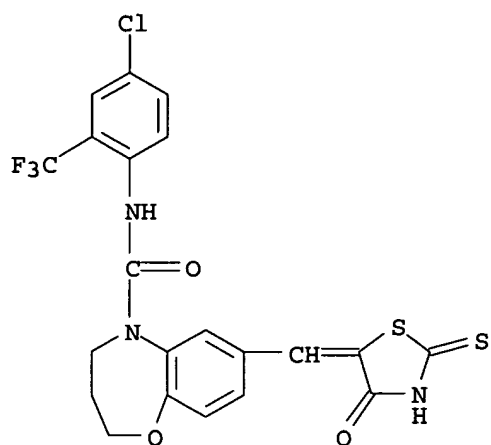
CN 1,5-Benzoxazepine, 2,3,4,5-tetrahydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-5-[(phenylmethoxy)acetyl]- (9CI) (CA INDEX NAME)

10/743,852



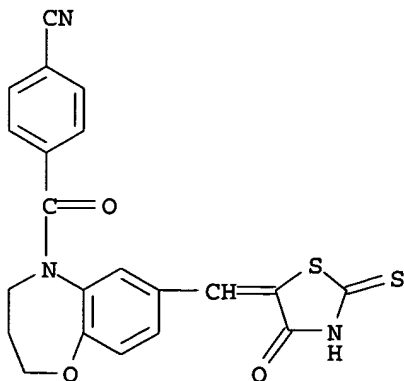
RN 719310-22-2 CAPLUS

CN 1,5-Benzoxazepine-5(2H)-carboxamide, N-[4-chloro-2-(trifluoromethyl)phenyl]-3,4-dihydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719310-23-3 CAPLUS

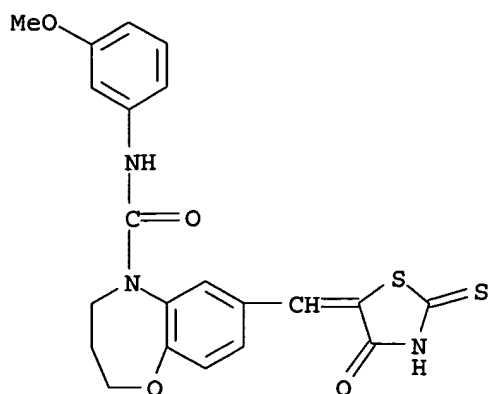
CN 1,5-Benzoxazepine, 5-(4-cyanobenzoyl)-2,3,4,5-tetrahydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719310-24-4 CAPLUS

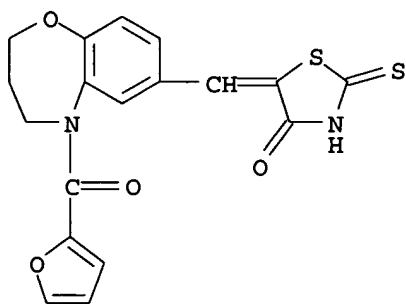
CN 1,5-Benzoxazepine-5(2H)-carboxamide, 3,4-dihydro-N-(3-methoxyphenyl)-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)

10/743,852



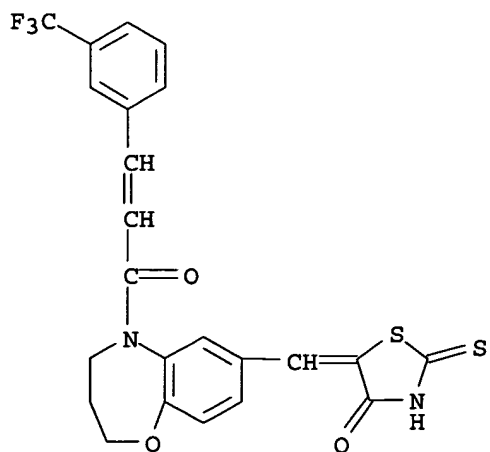
RN 719310-25-5 CAPLUS

CN 1,5-Benzoxazepine, 5-(2-furanylcarbonyl)-2,3,4,5-tetrahydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719310-26-6 CAPLUS

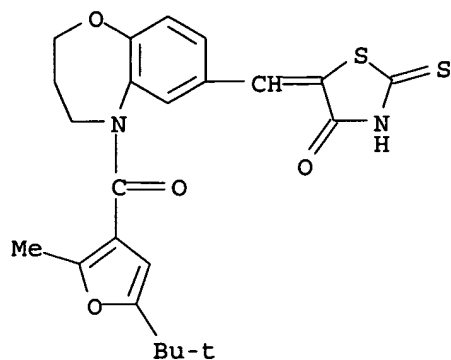
CN 1,5-Benzoxazepine, 2,3,4,5-tetrahydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]-5-[1-oxo-3-[3-(trifluoromethyl)phenyl]-2-propenyl]- (9CI) (CA INDEX NAME)



RN 719310-27-7 CAPLUS

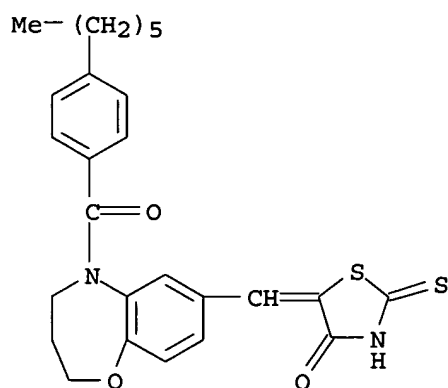
10/743,852

CN 1,5-Benzoxazepine, 5-[[5-(1,1-dimethylethyl)-2-methyl-3-furanyl]carbonyl]-
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(CA INDEX NAME)



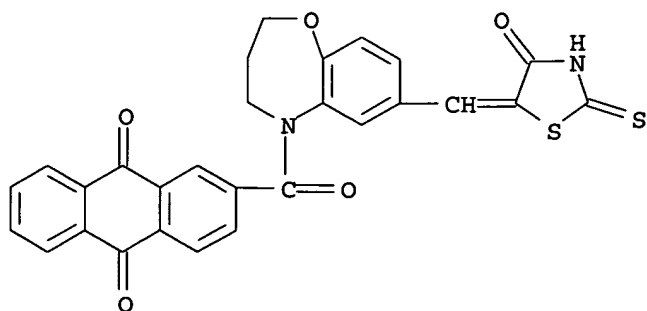
RN 719310-28-8 CAPLUS

CN 1,5-Benzoxazepine, 5-(4-hexylbenzoyl)-2,3,4,5-tetrahydro-7-[(4-oxo-2-
thioxo-5-thiazolidinylidene)methyl]- (9CI) (CA INDEX NAME)



RN 719310-29-9 CAPLUS

CN 1,5-Benzoxazepine, 5-[(9,10-dihydro-9,10-dioxo-2-anthracenyl)carbonyl]-
2,3,4,5-tetrahydro-7-[(4-oxo-2-thioxo-5-thiazolidinylidene)methyl]- (9CI)
(CA INDEX NAME)



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REFERENCE COUNT:

5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/743,852

L8 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:291950 CAPLUS

DOCUMENT NUMBER: 140:315042

TITLE: Pin1-modulating compounds and methods of use for the treatment of Pin1-associated diseases, including cancer

INVENTOR(S): McKee, Timothy D.; Suto, Robert K.; Tibbitts, Thomas; Sowadski, Janusz

PATENT ASSIGNEE(S): Pintex Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 166 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004028535	A1	20040408	WO 2003-US6675	20030303
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004214872	A1	20041028	US 2003-379408	20030303
EP 1551396	A1	20050713	EP 2003-798653	20030303
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRIORITY APPLN. INFO.:			US 2002-414077P	P 20020926
			WO 2003-US6675	W 20030303

OTHER SOURCE(S): MARPAT 140:315042

AB The invention is directed to modulators, e.g., inhibitors, of Pin1 and Pin1-related proteins and the use of such modulators for treatment of Pin1 associated states, e.g., for the treatment of cancer. Synthetic methods are included.

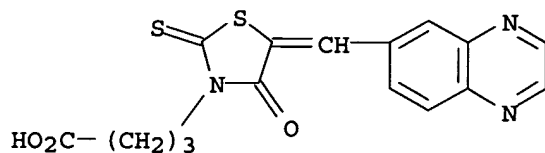
IT 676646-30-3 677004-75-0

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(Pin1-modulating compds. for treatment of Pin1-associated diseases, including cancer)

RN 676646-30-3 CAPLUS

CN 3-Thiazolidinebutanoic acid, 4-oxo-5-(6-quinoxalinylmethylene)-2-thioxo-(9CI) (CA INDEX NAME)

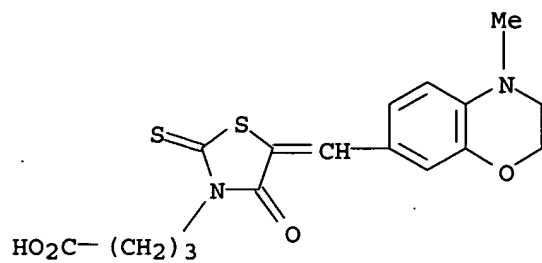


RN 677004-75-0 CAPLUS

CN 3-Thiazolidinebutanoic acid, 5-[(3,4-dihydro-4-methyl-2H-1,4-benzoxazin-7-

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yl)methylene]-4-oxo-2-thioxo- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:60505 CAPLUS

DOCUMENT NUMBER: 140:128412

TITLE: Preparation of azolidinone-vinyl fused-benzene derivatives for therapeutic uses as PI3 kinase inhibitors

INVENTOR(S): Rueckle, Thomas; Jiang, Xuliang; Gaillard, Pascale; Church, Dennis; Vallotton, Tania

PATENT ASSIGNEE(S): Applied Research Systems Ars Holding N.V., Neth. Antilles

SOURCE: PCT Int. Appl., 142 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

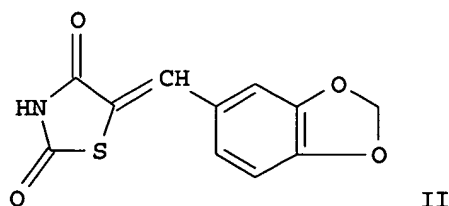
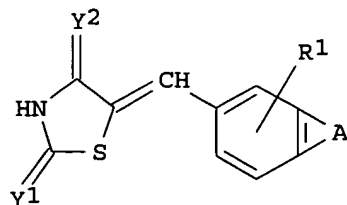
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004007491	A1	20040122	WO 2003-EP50302	20030710
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004092561	A1	20040513	US 2002-289998	20021107
CA 2493843	AA	20040122	CA 2003-2493843	20030710
BR 2003012752	A	20050426	BR 2003-12752	20030710
BR 2003012650	A	20050503	BR 2003-12650	20030710
EP 1549644	A1	20050706	EP 2003-763907	20030710
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2005538188	T2	20051215	JP 2005-505076	20030710
NO 2005000654	A	20050315	NO 2005-654	20050208
PRIORITY APPLN. INFO.:			EP 2002-100798	A 20020710
			US 2002-289998	A 20021107
			WO 2003-EP50302	W 20030710

OTHER SOURCE(S): MARPAT 140:128412

GI



AB The present invention is related to the preparation of azolidinedione-vinyl fused-benzene derivs., such as I [R1 = H, CN, carboxy, acyl, alkoxy, halogen, acyloxy, etc.; A = fused heterocyclic or carbocyclic ring; Y1, Y2

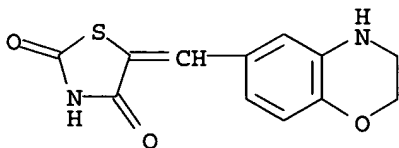
= S, O, NH], and their use in pharmaceutical compns. as PI3 kinase (PI3K) inhibitors. These azolidinones are claimed for use in the treatment and/or prophylaxis of autoimmune disorders, inflammatory diseases, cardiovascular diseases, neurodegenerative diseases, bacterial or viral infections, kidney diseases, cancer, graft rejection, lung injuries, chronic obstructive pulmonary disease, anaphylactic shock, fibrosis, psoriasis, allergic diseases, asthma, stroke or ischemic conditions, ischemia-reperfusion, platelet aggregation/activation, skeletal muscle atrophy/hypertrophy, leukocyte recruitment in cancer tissue, angiogenesis, invasion metastasis in melanoma and Kaposi's sarcoma, sepsis, transplantation, pancreatitis, multi-organ failure, glomerulosclerosis, glomerulonephritis, progressive renal fibrosis, endothelial and epithelial injuries in the lung or in general lung airways inflammation. Further, these azolidinones are claimed for use in the treatment of atherosclerosis, hypertrophy, cardiac myocyte dysfunction, elevated blood pressure, vasoconstriction, Alzheimer's disease, Huntington's disease, CNS trauma, multiple sclerosis, rheumatoid arthritis, systemic lupus erythematosus, inflammatory bowel disease, thrombosis, and brain infection/inflammation such as meningitis or encephalitis. Thus, azolidinone II was prepared via a condensation reaction of piperonal with 2,4-thiazolidinedione using β -alanine in acetic acid and stirring at 100° for 3 h. Some of the prepared azolidinones were assayed for PI3K γ inhibition using a high throughput PI3K lipid kinase binding assay. Tablet, capsule, liquid and injectable pharmaceutical compns. were presented.

IT 648915-83-7P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of azolidinone-vinyl fused-benzene derivs. for use in pharmaceutical compns. as PI3 kinase inhibitors)

RN 648915-83-7 CAPLUS

CN 2,4-Thiazolidinedione, 5-[(3,4-dihydro-2H-1,4-benzoxazin-6-yl)methylene]-(9CI) (CA INDEX NAME)



IT 648450-29-7P 648450-30-0P 648450-59-3P

648450-60-6P 648915-84-8P 648915-85-9P

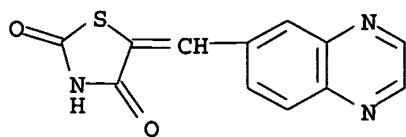
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of azolidinone-vinyl fused-benzene derivs. for use in pharmaceutical compns. as PI3 kinase inhibitors)

RN 648450-29-7 CAPLUS

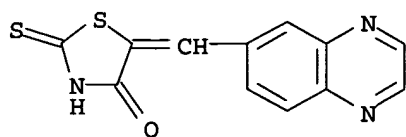
CN 2,4-Thiazolidinedione, 5-(6-quinoxalinylmethylene)-(9CI) (CA INDEX NAME)

10/743,852



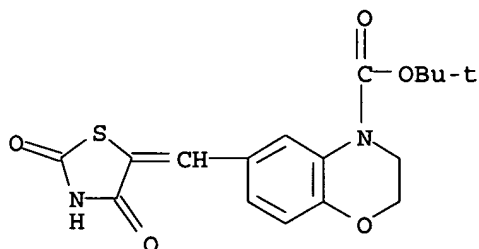
RN 648450-30-0 CAPLUS

CN 4-Thiazolidinone, 5-(6-quinoxalinylmethylene)-2-thioxo- (9CI) (CA INDEX NAME)



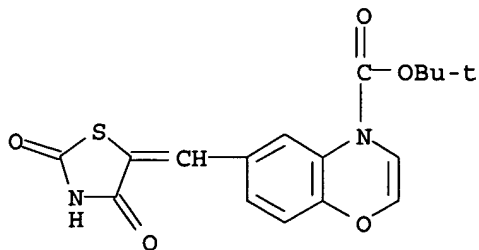
RN 648450-59-3 CAPLUS

CN 4H-1,4-Benzoxazine-4-carboxylic acid, 6-[(2,4-dioxo-5-thiazolidinylidene)methyl]-2,3-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 648450-60-6 CAPLUS

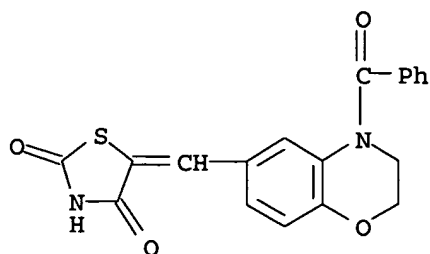
CN 4H-1,4-Benzoxazine-4-carboxylic acid, 6-[(2,4-dioxo-5-thiazolidinylidene)methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 648915-84-8 CAPLUS

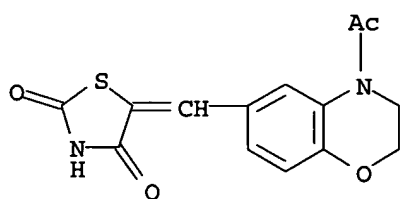
CN 2H-1,4-Benzoxazine, 4-benzoyl-6-[(2,4-dioxo-5-thiazolidinylidene)methyl]-3,4-dihydro- (9CI) (CA INDEX NAME)

10/743,852



RN 648915-85-9 CAPLUS

CN 2H-1,4-Benzoxazine, 4-acetyl-6-[(2,4-dioxo-5-thiazolidinylidene)methyl]-
3,4-dihydro- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

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for the improvement of spermatozoa fertilization activity; in particular for the increase of spermatozoa motility. Furthermore, I are used to treat infertility and assisted reproduction techniques (ART).

IT 648450-29-7P, 5-(Quinoxalin-6-ylmethylene)thiazolidine-2,4-dione

648450-30-0P, 5-(Quinoxalin-6-ylmethylene)-2-thioxothiazolidin-4-

one 648450-59-3P, 6-(2,4-Dioxothiazolidin-5-ylidenemethyl)-2,3-

dihydrobenzo[1,4]oxazine-4-carboxylic acid tert-butyl ester

648450-60-6P, 6-(2,4-Dioxothiazolidin-5-

ylidenemethyl)benzo[1,4]oxazine-4-carboxylic acid tert-butyl ester

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU

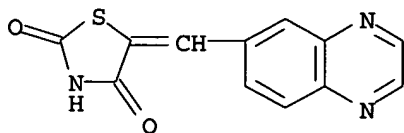
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Uses)

(preparation of dioxothiazolyldenemethyl derivs. for increasing spermatozoa motility)

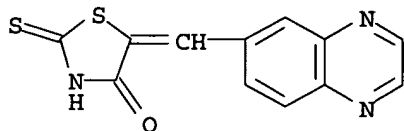
RN 648450-29-7 CAPLUS

CN 2,4-Thiazolidinedione, 5-(6-quinoxalinylmethylene)- (9CI) (CA INDEX NAME)



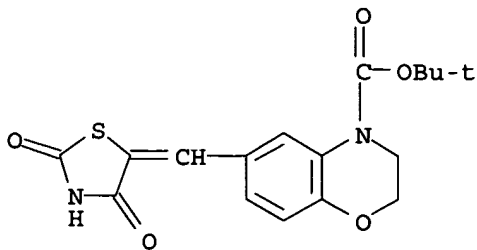
RN 648450-30-0 CAPLUS

CN 4-Thiazolidinone, 5-(6-quinoxalinylmethylene)-2-thio- (9CI) (CA INDEX NAME)



RN 648450-59-3 CAPLUS

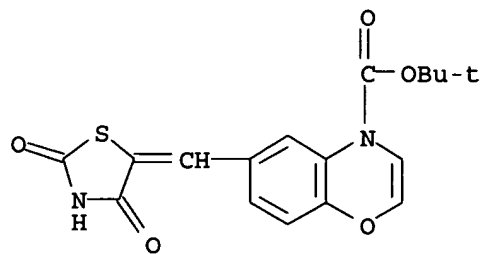
CN 4H-1,4-Benzoxazine-4-carboxylic acid, 6-[(2,4-dioxo-5-thiazolidinylidene)methyl]-2,3-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 648450-60-6 CAPLUS

CN 4H-1,4-Benzoxazine-4-carboxylic acid, 6-[(2,4-dioxo-5-thiazolidinylidene)methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

10/743,852



REFERENCE COUNT:

5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT